



# Gagan Deep Singh

DEVELOPER



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## ABOUT ME

**Full Stack Web Developer | DevOps | MERN | LAMP | NodeJS | AWS | PHP8 | REST API | SEO | UI/UX Developer | CMS Developer | SPRING | CCNA | CNSS | JAVA | GD. STUDY.WORLD. O**

An enthusiastic Developer, having 4 years of work and study in various languages and frameworks, eager to learn and serve the community in various software, application, and programming areas. Self-Learner and motivated to keep myself up to date with the latest technologies

## SKILLS

**Languages** - HTML5, CSS3(Sass, Less), JavaScript (ES6+), PHP8, MySQL, jQuery, MongoDB, Git, PostgreSQL, Java, JSP, Typescript, jQuery, Python(Tesseract, OpenCV), C, C++, PHP8, OOPS Programming, Babel,...

**Frameworks**- ReactJS(Redux, GraphQL, Native), NodeJS, Laravel 8, Eclipse JS, UI/UX Designing, Docker, GitHub, CMS/CRM Development, Apache, Hibernate, Servlets, NODE-RED, Spring (Boot, MVC, Cloud, Security, Microservices), Next JS, Nx...

**DevOps**- CI/CD, AWS (EC2, S3, Route53, Lambda), Linux, Jenkins, VMWare, Firebase, Bash Scripting, Shell Scripting, Spring Microservices, Spring Cloud, Jira, Jenkins, Swagger,...

**Knowledge**- CEH, Rest API's, Windows/Linux Troubleshooting, SEO, GCP Tools, Network Troubleshooting, Hardware Knowledge, MS Tools, Autodesk Tools, Adobe Tools, VS Code, IntelliJ, G-Suite, phpMyAdmin, Drupal, Network Security, WordPress, WIX, IBM Cloud, Monorepo architecture,...

**Certifications** – CCNA, ICSI, PHP, JavaScript (ReactJS, NodeJS), CSS, Advanced PHP, SQL, Python, Git, Six Sigma White Belt, Google Digital Marketing, IoT, CISCO- (Cybersecurity)-Cybrary-pwc, Google IT Support

## Experience

- **AMERIPRISE FINANCIAL** | Programmer Analyst II | Sep 2022 – Current.
  - Working as Full Stack Web Application Developer and DevOps as Programmer Analyst II Title.
  - Working in DevOps Team and implementing changes and transitions to develop cloud enabled and optimized applications.
  - Working with Product Application Team and Developing Cloud CI/CD Environment for Current Applications.
  - Developing new Applications using Java in Backend API and React Framework and Libraries for client-side UI.
  - Helping fellow teams enhance products with my design skills and improving products by adding modern dev standards
- **QUEST MIGRATION** | Full Stack Web Developer Part-time | Nov 2021 – Apr 2022
  - Developed their web interface using Laravel 8 from Scratch.
  - Developed CMS using Laravel8, MySQL, HTML, CSS, JavaScript, Spring boot, JSP

- Improved the reusability and readability by codebase refactoring.
- Design and Development of robust RESTful API.
- Optimized their Data on Servers and configured their systems.
- **MS SUE RESTAURANT APP** | Web Developer | Uni Project | Nov 2021 - Jul 2022
  - Developed Restaurant Application using PHP8, MYSQL, HTML5, CSS3, jQuery.
  - Developed Multi-Vendor Ecommerce Application with User Registration system with md5 Encryption system and OAuth Validations.
  - Developed SOAP | REST API for Front-End Authentications along with Monitoring systems
  - Online Appointment system was added using Ajax and jQuery.
- **Arton Giftware**
  - Developed Interface using, Spring framework, MVC, Spring boot, Spring Data, JPA, Hibernate
  - Designed the Client-Side Interface using React and Redux.
  - Managed some Functional Settings for the Website using JavaScript Libraries
  - Working knowledge of Maven, Jenkins, Shell scripting
  - Strong understanding of object-oriented programming
  - Designed inventory interface for back office on the cloud using MERN Stack.
- **Dekech | Arton Giftware, Australia** | Web Developer Part-time | Sep 2020 – Nov 2021
  - IT Administrator & Web Developer & Managed Servers, Systems & Websites.
  - Developed a Retail Website for the company using PHP and MVC Patterns.
  - Used LAMP(Linux Server, Apache Runtime Environment, MySQL, PHP) in OOPS Architecture to develop CMS for Warehouse daily use.
- **Brown & Greens, Australia** | Full Stack Developer Part-time | Mar 2020 – Aug 2020
  - Developed E-Commerce Application and Order Processing App.
  - Designed and Developed Android Food Delivery App using Java (Spring Framework at Backend) & React Native for the Android UI of the application.
  - Created API Server of AWS Server and connected the application.
  - Managed Version Controlling in Git & Git CLI. Worked in Environment where the project was developed in Docker Containers.
  - Optimized Java Application and added services with LAMP Stack.

## Education

- **Bachelor of Information Technology** | Federation University | Feb 2021- Jul 2022
  - Completed some credits from MIT(Melbourne Institute of Technology) during summer semesters.
- **Bachelor of Information Technology** | La Trobe University | Nov 2019 – Feb 2021
  - Completed Credits from La Trobe, Australia in Software Development and Business Development subjects.
- **High School** | Suncity World School, India | Jul 2014 - Apr 2019
  - English, Physics, Chemistry, Biology, Computer Science

## Certificates & Knowledge

- **CCNA CERTIFIED** | Cisco Certified Network Associate form CISCO Academy | Jul 2020
- **IIHT CERTIFIED** | IIHT, Gurgaon | Apr 2019 – Jul 2019
  - PHP, C, C++, SQL Certified
- **Delhi University Prism Code Certified** | Jul 2019
  - Python Libraries ( Tesseract, OpenCV & more)
- **National Association State Boards of Accountancy (NASBA)** | 2020 – 2022
  - Essential JavaScript, CSS(Cascade Style Sheets)
  - Essential SQL Training Certificate
  - React JS Essential Training
- **LinkedIn Certified** | Multiple Certificates | 2020 – 2022
  - Learning PHP Certificate
  - Web Development Full Stack and Front-End Certificate
  - Programming Foundations: Algorithms Certificate

- **Git/GitHub/GitLab** Certification
- **Six Sigma White Belt**
- **Laravel 8** Certification
- **Bash Scripting | Sed | Grep | Awk**
- DevOps, CICD, Microservices, Spring Boot, Spring Cloud, Docker, ReactJS, Ecommerce Fundamentals, AWS, Laravel 8, PHP8, CCNA and more ongoing...
- Web Development & Designing – Self Study since 9th Grade and going on
- **CEH** Ongoing & **AWS** Ongoing & **Azure** Ongoing Certification
- **Google Certified** | Google Certificates and Coursera Platform | 2021
  - Google Digital Marketing Certified
  - Google IT Support Certified

## Projects

### Quest Migration | Dhillon Legal | Web Project : <https://www.questmigration.com.au/>

- Developed Website from Scratch along with CRM Panels and WYSIWYG Editor for client.
- Developed online Admin Panel for allowing client to manage their whole website from separate platform.
- Utilized: Laravel, React, MySQL, jQuery, JavaScript Libraries, Redux, GraphQL, Third Party Integrations like PayPal, Stripe and more...

### MULTI User Blogging Platform with SEO : <https://www.gdstudyworld.com>

- Developed a SEO Multiuser blogging platform that allows users to create and manage blogs for multiple users.
- **Utilized** PHP, OOPS, ReactJS, WYSIWYG Editor, Bootstrap and JavaScript

### ECOMMERCE App with Payment Gateway and Admin Dashboard : <https://www.browngreens.com>

- Developed a Completely functioning Ecommerce Application.
- **Utilized** NodeJS API, MongoDB, PayPal Payment Integration ReactJS, WYSIWYG Editor, Bootstrap and JavaScript, Redux, GraphQL,

### WEBANDESIGNS.O : <https://www.webandesigns.com>

- Developed a user-friendly Website Quoting Website
- Allows the user to interact with each other make post, like and share on their timeline, chat with each other.
- **Utilized** PHP8, HTML, SQL, Laravel8, Ajax, API, JWT Auth, Laravel, ReactJS

### Running Live YouTube Channel : <https://youtube.com/gdsk>

- Running Live YouTube Channel got 15 Million Hits and Active Audience
- YouTube Channel- GDS K S sharing Physics Study Material for free

## Awards & Achievements

### High School & Awards

- **Gold Medalist** in 6<sup>th</sup> International Olympiad of Computers by Silver Zone Foundation, 2013
- **Gold Medalist** in National Science Olympiad and selected for Second Round.
- **Inter-School Origami Competition Winner** for 2 consecutive years. Core Team Member for Origami group 2017-19
- **Won Second Prize in Inter School Tennis** Competition 2015-16.

- Received the Co-Curricular activities **excellence** award for **exceptional achievements** in the field of **Computers** (2016-17).
- **Secured Second rank in English exam conducted by Australia** in all over **Haryana**
- **Point person** to create School Assemblies Power Point/ Slideshows from 6th Grade to 12th Grade.
- Core team member of **programmers group** in the Suncity School, India
- **Designed websites for schools**, helped in building own School Website too. Build servals free websites for NGO's and Social events on Weebly or from paid sites.

### University

- Won the **University Best Project Award for MS SUE Client, Australia** in **Federation University** when developed **Restaurant Ecommerce Application** for client in final semester | Jun 2022
- Contributed to helping fellow students in **Enhancing Skills in Dev Stack** in Library Sessions.

### Achievements

- Built my Own Brand while learning coding skills and made some projects run live – **GD.STUDY.WORLD.O | WEBANDESIGNS.O | GLINCKER.O | REVIEWMEE.O**
- Built my **YouTube** Channel **GDS K S** and crossed **9 Million Hits**.
- Running a successful **YouTube** Channel - **youtube.com/gdsk** for free education
- Successful in building own brand "**GDS K S**" on google and running a social service of free education for school & programming students via **GD.STUDY.WORLD.O**
- Running **WEBANDESIGNS.O** a successful website was providing hosting services, consulting people, and providing them websites in just days as per request.
- Designed and developed my own **Portfolio** recently and maintaining it on daily basis.