Mayank Gupta

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EDUCATION

CONCORDIA UNIVERSITY
MEngg. in Electrical and Computer Engineering
September 2021 - April 2023 (Expected) | Montreal, Canada

D.C.R. UNIVERSITY
Bachelor of Technology in Electrical Engineering
August 2016 - September 2020 | Haryana, India

- Merit Scholarship in 7 out of 8 semesters.
- Increased Participation by organising Universities technical fest 2019 by 150%.

SKILLS

PROGRAMMING
JavaScript • TypeScript • Python • Java • Go • Node.js • React.js • Vue.js • Next.js • Shell • Web Services

STANDARDS
JSON • REST • gRPC • MVC • Google Firebase • ExpressJS

DATABASE
MongoDB • MySQL • PostgreSQL

TOOLS
Docker • Git • Linux • Postman • JIRA • MATLAB • GNU Octave • Wordpress

PERSONAL DOSSIER

- Developed multiple applications which are running on google play store under Clapap Solutions.
- Volunteered in IEEE conference and managed stage and speaker panel.
- Taught under privileged students in the school managed by university students.

COURSEWORK

GRADUATE
Programming on Cloud
Neural Networks
Software Testing and Validation
Discrete Event Systems
Linear Systems
Real Time Computer Control System
Hybrid Electrical Vehicle System and Design

EXPERIENCE

SOFTWARE DEVELOPER | Kaloom
September 2022 - Present | Part Time

- Working on Kaloom Test Framework (KTF) for creating test cases, live monitoring for running test cases for the product on test systems.

SOFTWARE DEVELOPER INTERN | Kaloom
May 2022 — August 2022 | Montreal, CA

- Created multiple views for the real time visualisation for Internal Test Framework using Vue.js, Node.js and MongoDB and TypeScript.
- Developed views for the dashing library in Docker Containerized Architecture environment by fetching data using RESTful APIs.

SOFTWARE ENGINEER | WeExcel Technologies
October 2020 — August 2021 | Chandigarh, IN

Job Listing Platform | Full Stack Developer

- Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary licenses using NodeJS, Firebase Functions, and other cloud technologies that serve thousands of requests daily.
- Coordinated team of 5 individuals to develop the server architecture and increased Google Page Speed score to 98/100 and optimised product for search engines.
- Reduced the loading time of website by 30% by removing unused assets.

Business Listing Platform | Back-end and Database Engineer

- Automated and optimized business logic for the Advertisement Platform using salable cloud technologies on AWS.
- Completely automated the business client platforms' data storage and marketing funnel by writing node and MongoDB scripts.
- Built automatic email delivery using Sendgrid email server.

SOFTWARE DEVELOPER INTERN | CALInfo
April 2020 — August 2020 | Kurukshetra, IN

- Increased desktop page speed from 34 to 95/100 by optimising front-end for the pages resulted in reduced latency.
- Managed weekly email marketing campaigns for 14000+ users which resulted in increase in revenue by 10%.

PROJECTS

EVENT MANAGEMENT SYSTEM | Eventy
Javascript, React.js, Node.js, MongoDB, Strapi, Tailwind CSS

- Created a scalable back end with dedicated admin panel using Strapi, Node.js and MongoDB.
- Hosted the application on AWS EC2 instances using docker Hub.
- Created front user Interface using Tailwind CSS and ReactJS and containerized the application using Docker.

E-COMMERCE PLATFORM | MGStore
Javascript, React.js, Node.js, Redux, MongoDB, Bootstrap

- Created back-end routes using Node.js and express.js along side front end user interface using React.js and Redux.
- Implemented PayPal payment gateway along side of basic e-commerce functionality. Planned the application keeping MVC architecture in mind.