GAURAV KUMAR VERMA

Full-Stack Developer

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GitHub | **Linkedin**

EDUCATION

Kalinga Institute of Industiral Technology   Bhubaneshwar
B. Tech. Computer Science   July 2019 - June 2023
CGPA: 8.82

Narayana Junior College   Hyderabad
Intermediate PCM   July 2017 - July 2019
CGPA: 82.6

St. Joseph's school   Shaktinagar, UP
High School   2018 - 2019
CGPA: 8.2

EXPERIENCE

HireQuotient | Software Engineer   Bengaluru, India | June 2024 - Sept 2024
- Developed and implemented scalable microservices using **Node.js**, with **RabbitMQ** for inter-service communication and **MongoDB** for data storage.
- Applied **OOP principles** for maintainable backend solutions, deployed services on **Amazon EC2**, and tailored backend functionalities to user requirements.
- Utilized **Python** for scripting, automation, and implementing **Generative AI** techniques to enhance backend processes, and designed **message queues** for reliable task processing.

CareerCarve | Software Engineer   Bengaluru, India | Sept 2022 - May 2024
- Designed and developed the backend architecture for an AI-enabled resume builder tool and CareerCarve app using **NodeJS** and **MySQL** with multiple micro-services and third-party libraries/services including **ElasticSearch**.
- Utilized **AWS SES** for mailing, **AWS S3** for multimedia storage, and implemented security measures including HTTPS with SSH certificates, access level checks, JOI validations, and user-level logs for analytics and threat prevention.
- Deployed the backend on **AWS EC2** with auto-scaling and MySQL on **RDS/AWS EC2**, ensuring optimal performance and scalability.
- Contributed to the development of the CareerCarve web app and mobile apps for Android and iOS using **ReactJS** and **React Native**. Developed features such as a feedback/ticket system and deep linking for the mobile app.

HighRadius Technologies | Full Stack Winter Intern   Bhubaneswar | June 1, 2022 - August 8, 2022
- Led the development of an AI-enabled fintech B2B cloud application using **Jakarta Server**, **JDBC**, **Java Servlets**, **ReactJS**, **SQLyog**, and **ML**, independently handling front-end and back-end components.
- Evaluated and implemented machine learning algorithms, including **Linear Regression**, **Random Forest**, **Decision Tree**, and **XG Boost**, achieving high performance in predictive modeling through effective data cleaning and preprocessing.
- Spearheaded problem-solving initiatives, delivering bug-free applications on time, demonstrating a deep understanding of project requirements and excellent time-management skills.

HighRadius Technologies | Full Stack Summer Intern   Bhubaneswar | Jan 28, 2022 - April 13, 2022
- Developed mini enterprise-level web applications using **Ext JS**, **Spring**, and **Hibernate**, contributing high-quality code and resolving complex issues.
- Engaged with developers and stakeholders to ensure open communication and bug-free application delivery, maintaining team reliability.
- Demonstrated problem-solving skills, handled bug tickets, and delivered projects on time.

SKILLS

Programming Languages:	C/C++, Javascript, Java, Python, SQL
Libraries/Frameworks:	NodeJS, ExpressJS, ReactJS
Tools / Platforms:	GitHub, AWS, Jenkins, Docker
Databases:	MySQL, SQLyog, MongoDB

PROJECTS / OPEN-SOURCE

NodeJS, ExpressJS, Flutter, MongoDB

- Developed a RESTful API for the BookNabe Flutter app, allowing users to exchange books locally.
- Utilized NodeJS and MongoDB with Mongoose to perform CRUD operations, ensuring efficient management of data.
- Integrated OAuth, Firebase, and Sockets to enhance user experience via notification system.

Solidity, Angular NodeJS, Heroku

- Developed a blockchain-based chess betting platform using Matic that enables users to place wagers on chess games with the security and transparency of blockchain technology.
- Utilized Solidity smart contracts to manage betting rules, game outcomes, and payout mechanisms on the Matic network.
- Collaborated with a team of developers to integrate the front-end user interface with the Matic blockchain, allowing for seamless betting experiences and real-time updates on game results.

Python, Replit

- Developed a moderator bot using Python for Pratijja v16.0, an international Asian Parliamentary Debate event hosted by KIIT University.
- Successfully deployed the bot on the Replit platform, providing support to over 200 participants across 17 different rooms by managing the debating motions.
- Utilized Discord API and Replit Database to perform CRUD operations and Uptime Robot to ensure the server remained up and running 24*7, streamlining the event and contributing to its overall success.

Python, Replit

- Developed a cryptocurrency trading bot using Python and Discord API, allowing users to buy and sell cryptocurrencies with virtual money and view their portfolio.
- Utilized WazirX API to facilitate real-time trading and Replit Database for performing CRUD operations, enabling users to have separate trading accounts.
- Successfully deployed the bot on Replit, with Uptime Robot ensuring that the server remained up and running 24*7. The bot was designed to facilitate separate trading accounts for around 10,000 users, providing a scalable solution for cryptocurrency trading on Discord.

HONORS & AWARDS

- - Won Special Mention Award KIIT international eMUN 2021
- - Ranked among the top 16 adjudicators worldwide at The Contemplative Dialogue Debate Tournament 2020
- - Led the development of Project Vetra, a social initiative which won The Most Voted Project Video award at the Enactus India National Competition (2021)
- - Runner-up in ZS Associates' Campus Beats Pan-India Case Challenge
- - Accepted into the International Project Semester at CY Cergy Paris University, France, for a one-semester exchange program.
- - Got selected for Samsung Prism for project internship.
- - Director of Operations at Enactus KISS-KIIT.
- - Coordinator at Kronicle debating society at KiiT University