Kunal Prasanna Veena

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SUMMARY

Fullstack Developer and **Cloud Specialist** with 1+ years of experience building scalable web applications and deploying robust cloud-native solutions. **AWS-certified** with a proven track record in designing, developing, and optimizing applications.

SKILLS

Fullstack: React.js, Next.js, Node.js Express.js, Vue.js, Spring Boot, Django, TailwindCSS, GraphQL.
Cloud Computing: Lambda, EC2, S3, RDS, DynamoDB, CloudFormation, Elastic Beanstalk, EKS/ECS, CloudFront, Docker, VPC.
Programming Languages: Java, JavaScript, Golang, TypeScript, Python, Solidity, C++, C, SQL.
Operating System & Database: Linux, MySQL, MongoDB, Firebase, PostgreSQL.

EDUCATION

MSc. Advanced Computer Science   Birmingham, UK | December 2023
UNIVERSITY OF BIRMINGHAM | CLASSIFICATION: MERIT

BTech. Computer Science and Engineering   Davanagere, IND | July 2022
VISVESVARAYA TECHNOLOGICAL UNIVERSITY | CLASSIFICATION: DISTINCTION

WORK EXPERIENCE

TEQUED LABS | SOFTWARE DEVELOPER INTERN   Bengaluru, IND | January 2021 – October 2021
- Contributed to the development of **RESTful** backend APIs in **Java** using **Spring Boot**, enabling seamless communication between the frontend and the **MySQL** database, improving response times by 20%.
- Optimized database queries by implementing indexing and efficient data models in **MySQL**, reducing query execution time by 25%, enhancing overall application performance.
- Collaborated with a team of 4 to debug and enhance backend modules, ensuring the timely delivery of updates for an e-commerce platform supporting 5k daily active users.

GUTSLANE | BACKEND DEVELOPER INTERN   Bengaluru, IND | June 2020 – November 2020
- Developed interactive user interfaces for a task management dashboard using **React.js**, integrating them with backend APIs built in **Node.js**, resulting in improved task tracking and a 15% increase in user satisfaction scores.
- Implemented a **MongoDB** database schema optimized for real-time data retrieval, enabling live updates for features like task assignments and progress tracking, reducing data latency by 20%.
- Contributed to the redesign of the application architecture by analyzing performance bottlenecks in API endpoints and recommending improvements, resulting in a 10% boost in backend efficiency.

PROJECTS

HOWNETWORKS ⬈   NEXT.JS, TAILWINDCSS, FIREBASE, RECHARTS, REACT-LEAFLET, REST APIS
Developed a **fullstack web application** to educate users on internet privacy concepts, featuring engaging interfaces, real-time data visualization, and scalable backend communication.

KRYPTOINSIGHT ⬈   SOLIDITY, HARDHAT, REACTJS, TAILWINDCSS, NODEJS, EXPRESSJS, MONGODB
Created a **fullstack web3 application** to streamline survey creation and incentivize participation with cryptocurrency rewards, combining responsive design with secure and efficient data handling.

GOFS ⬈   GOLANG, COBRA CLI, FILE SYSTEM TRAVERSAL, PATTERN MATCHING, MULTITHREADING
Designed an **advanced command-line tool** for efficient file searching and filtering, incorporating features like multithreaded traversal, pattern matching, and customizable output.

CERTIFICATIONS

- **AWS CERTIFIED DEVELOPER - ASSOCIATE** ⬈
- **AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE** ⬈
- **AWS CERTIFIED CLOUD PRACTITIONER** ⬈