Kunal Prasanna Veena

kunalpv.vercel.app | kpv904@gmail.com | (+91) 9741947650 | linkedIn/kunal-pv | github/KunalPV

SUMMARY

Cloud Platform Engineer with 1+ years of experience in Linux operations, cloud-native development, and DevOps. AWS-certified with expertise in designing and deploying scalable cloud solutions.

SKILLS

Cloud & Devops: AWS (Certified Developer, Solutions Architect, Practitioner), Kubernetes, Docker, Terraform, CI/CD.
Fullstack: Java, JavaScript, TypeScript, Golang, React.js, Next.js, Solidity, C++, C, Node.js Express.js, Spring Boot, Django, GraphQL.
Operating System & Database: Linux, Windows Server for Cloud, Python, PowerShell, 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

DIFFBLUE | SOFTWARE DEVELOPER   England, UK | October 2023 – November 2024

- Designed and implemented microservices using **Java** and **Spring Boot** to process 100k+ financial transactions daily, reducing query latency by 20% through advanced **PostgreSQL** indexing.
- Deployed and monitored an inventory management system on **AWS** using **Kubernetes** and **Docker**, achieving seamless scaling for 2x peak traffic spikes and maintaining 99.9% uptime.
- Developed **RESTful APIs** supporting 10k+ daily cross-platform interactions, improving response times by 30% and enabling secure third-party integrations with **OAuth2** authentication.

TEQUED LABS | SOFTWARE DEVELOPER INTERN   Bengaluru, IND | January 2021 – October 2021

- Deployed a containerized cloud-native monitoring system on **AWS** using **Kubernetes** and **Docker**, increasing resource efficiency by 30% through auto-scaling.
- Enhanced application responsiveness by implementing lazy loading and **MongoDB** aggregation, reducing load times by 45% and supporting 10k concurrent users efficiently.

GUTSLANE | BACKEND DEVELOPER INTERN   Bengaluru, IND | June 2020 – November 2020

- Enhanced system scalability and user experience by implementing **Redis** caching and **NGINX** load balancing, boosting traffic handling capacity by 50% with minimal latency.
- Refactored key code modules and introduced asynchronous data pipelines, reducing page load times by 40% and ensuring maintainability for future feature expansions.

PROJECTS

KRYPTOINSIGHT ⬈   SOLIDITY, HARDHAT, REACTJS, TAILWINDCSS, NODEJS, EXPRESSJS, MONGODB
Developed a **blockchain-powered survey application** that incentivized user participation with cryptocurrency rewards, offering streamlined survey creation and enhanced data accuracy through robust platform capabilities.

PLACES DIRECTORY APP ⬈   REACTJS, NODEJS, EXPRESSJS, MONGODB, MAPBOX API, PASSPORTJS
Developed an **interactive web app** that allows users to curate, share, and explore favourite locations through a community-driven directory and a visually appealing map view.

CERTIFICATIONS

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