

AKASH NIMBOLKAR

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👨‍🍳 CodeChef

SUMMARY

Aspiring Software Engineer with hands-on experience in Backend Development, Cloud Infrastructure, and DevOps. Proficient in Java, Spring Boot, Docker, AWS, and CI/CD tools with a growing focus on building scalable and secure cloud-native applications. Eager to contribute to cross-functional teams and enterprise-scale digital solutions.

EDUCATION

Pimpri Chinchwad College of Engineering and Research

August 2023 - Present

B. E. in Computer Engineering - CGPA - 9.00

Pune, MH

Government Polytechnic Pune

2020 – 2023

Diploma In Computer Engineering - Percentage - 86%

Pune, MH

EXPERIENCE

Infeanet Digital Marketing and Web Media 🚀

July 2022 – September 2022

Java Intern

Pune, MH

- Designed and implemented a **JSP and Servlets**-based authentication system using **OOP principles**, optimizing session management and reducing response time by **30%**.
- Integrated Java with MySQL for CRUD operations, enhancing query performance and database skills.
- Collaborated in code reviews and debugging sessions, improving code quality and best practice adherence.

PROJECTS

Cloud-Integrated Network Monitoring System | AWS, Grafana, Prometheus, Zabbix, Docker

- Designed a cloud-enabled system to monitor **on-premise routers, switches, and firewalls**.
- Implemented **Zabbix** and **Prometheus** for collecting network health metrics with real-time alerts.
- Visualized data via **Grafana dashboards** using **Thanos + Loki** for scalable metric storage and logging.
- Containerized components with **Docker** and optimized cross-cloud observability in a secured PoC setup.

KrushimiMitra: AI Crop Disease Prediction App | Flutter, TensorFlow Lite, Firebase, Dart

- Developed a mobile app for **real-time crop disease detection** using TensorFlow Lite with **80%+ accuracy**.
- Integrated Firebase Firestore for **storing user inputs and predictions**, enabling basic offline support.
- Engaged **30+ beta users**, refining the model based on feedback and improving UI responsiveness.

Food Ordering Website | Java, Spring Boot, React.js, MySQL

- Developed a **RESTful API**-based food ordering system using **Spring Boot**, ensuring scalable backend architecture.
- Optimized **MySQL database queries**, reducing response time by **35%** and improving transaction efficiency.
- Implemented **JWT authentication** and **role-based access control** for secure user management.
- Deployed backend using **Docker containers**, enhancing scalability and reducing deployment overhead.

TECHNICAL SKILLS

- Languages:** Java, Python, SQL, JavaScript, C/C++
- Backend Technologies:** Spring Boot, RESTful APIs, JSP, Microservices (Basic), MySQL, PostgreSQL, MongoDB
- Cloud DevOps:** AWS (EC2, S3, Direct Connect), Docker (Intermediate), Kubernetes (Foundation), Jenkins (Basic), CI/CD Pipelines
- Monitoring Observability:** Prometheus, Grafana, Zabbix, Thanos, Loki, Promtail
- Tools Platforms:** Git/GitHub, Linux, Postman, IntelliJ IDEA, VS Code

ACHIEVEMENTS

- CodeChef:** 4-star Coder on CodeChef (Highest Rating: 1854).
- Smart India Hackathon:** Runner-up among the top 10 teams in the internal hackathon.
- Apptware Hackathon:** Finalist (Top 5 teams out of 100+ participants).
- Registered Copyright:** Copyrighted Smart Street Parking Solution, showcasing urban mobility innovation.
- First Rank in Project Competition:** Won first prize at **PCCoE&R** for an innovative project.

CERTIFICATIONS

- Database Programming with SQL - Oracle
- Data Structure and Algorithm Crash Course - Lets Upgrade
- Java Training Certification – Spoken Tutorial Project, IIT Bombay