

# AYUSH DUBEY

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Results-driven Full Stack Developer with 2+ years of experience in designing, developing & optimizing scalable enterprise solutions. Expert in utilizing modern technologies like Redis, Kafka, RabbitMQ & event-driven architectures to enhance system performance & scalability. Proven track record of collaborating with cross-functional Agile teams to deliver high-priority features while ensuring superior code quality & system integrity. Skilled in low-level system design, high-level architecture & implementation of coding standards. Dedicated to continuous improvement, delivering impactful business outcomes & effectively partnering with stakeholders to achieve strategic goals.

## EDUCATION

**BACHELOR OF ENGINEERING, Computer Science**, Rajiv Gandhi Institute of Technology

## SKILLS

**Front End:** React, React JS, Angular, JavaScript, Node.js, MongoDB, JavaScript

**Back End:** Java, Golang, Spring Boot, Spring Framework, Hibernate, Microservices, REST API, Redis System Design, AWS, Azure, GCP, Kafka, RabbitMQ, Redis

**CI/CD Tools:** CI/CD Jenkins-SonarQube, Kafka, Docker, Kubernetes

**Database:** PostgreSQL, NoSQL, SQL, Oracle Cloud

**Domain:** Automobile, Healthcare, Finance, E-Commerce

## PROFESSIONAL EXPERIENCE

**Full Stack Developer/ Senior Analyst, Mercedes with Capgemini**

Aug. 2022–Present

- Improved code efficiency by 58%, reduced processing time by 45% & enhanced overall system responsiveness by optimizing algorithms & refactored codebases
- Standardized coding practices by implementing consistent code reviews & enforcing naming conventions, documentation & modularization, resulting in 38% increase in code quality using SonarQube measurement
- Implemented event-driven architecture using **Kafka & RabbitMQ**, enhancing system scalability by 30% & reducing processing time by 40%
- Built E2E applications leveraging **Redis** for caching & **Kafka** for event-driven architecture, significantly improving performance & scalability
- Conducted risk assessments & **re-evaluated coding architecture**, introducing new design that decreased technical efforts by 15% & improved code maintainability by 20%
- Collaborated with EMEA clients across multiple locations to deliver high-impact solutions, driving client engagement & efficiently resolving complex coding challenges
- Achieved 95% on-time sprint goal delivery while ensuring functional integrity & customer satisfaction
- Designed & developed enterprise application from scratch, contributing to low-level system design & architectural team discussions
- Pioneered pre-demo sessions for developers, cutting QA defects by 83%, reducing testing time by 25% & accelerating release cycle
- Led 7 member cross-functional team through Agile ceremonies, including daily stand-ups, sprint planning & retrospectives. Delivered 12+ high-priority features across two sprints, maintaining a 100% delivery performance rate.

## Entrepreneurship

**Founder, FeroLug Travel** [Link](#)

- Leveraged ML & AI to conceptualize & develop user-centric solutions that auto-generate personalized travel itineraries
- Designed & deployed platform using Next.js, AWS & MongoDB, enhancing innovation & user engagement via tech integration

## PROJECTS

- Therapeutic App** [Link](#): Developed an innovative self-healing app using JavaScript, seamlessly integrating therapeutic sessions with engaging games to promote mental wellness through interactive & user-friendly experiences
- E-Commerce** [Link](#): Developed a high-performance app using ReactJS, Spring Boot & PostgreSQL, with robust REST API backend & React frontend. Integrated Dijkstra's Algorithm to optimize delivery routes, reducing latency & improving efficiency
- Fintech OCR Verification** [Link](#): Achieved 91% accuracy in verifying signatures by designing a model using OCR, Connected Components, Linesweep Algorithm, geometric features with Support Vector Machine (SVM) & Artificial Neural Networks (ANN)

## CO-CURRICULAR & EXTRACURRICULAR ACHIEVEMENTS

- Volunteer - Conducted 30+ exams with Akanksha Foundation, Abhyasika & the National Federation of Blind over 3.5 years
- Technology Head – Amassed 68% participation that attracted 16k+ attendees at leading 'Zodiac' tech fest to organize competition
- Media Head – Networked & coordinated 15+ media groups via social media & journals to ensure comprehensive coverage