

ANKIT DURGAPRASAD CHAURASIA

201-780-9414 | achauras1@stevens.edu | <https://www.linkedin.com/in/chauriasaankit/>

PROFESSIONAL SUMMARY

Results-driven Software Developer with a Master's in Computer Science and 4.5 years of experience in building scalable, high-performance applications using Java, Spring Framework, and cloud platforms. Strong expertise in FinTech and Core Banking systems, delivering impactful solutions that improve performance and reduce operational costs.

EDUCATION

Stevens Institute of Technology | MS - Computer Science | GPA 3.86/4 Jan 2024 - May 2025

Courses: Web Programming, Database Management Systems, Big Data Technologies, Web Mining, Agile Methodology

University of Mumbai | BEng - Information Technology | GPA 7.75/10 May 2015 - Jun 2019

SKILLS

Languages: Java, JavaScript, SQL, HTML, CSS, Python

Databases & Caching: MySQL, PostgreSQL, MongoDB, Redis, Memcached

Frameworks and Backend: Spring Boot, Spring MVC, Hibernate, Spring JPA, Node.js, Express.js, React, Hadoop, Apache Spark

Tools & Practices: Jenkins, PuTTY, JasperStudio, Docker, Microservices, Monolithic, Agile

Cloud Platform: AWS, Google Cloud Platform

PROFESSIONAL EXPERIENCE

Indus Valley Partners (IVP) **Mumbai, India**

Software Engineer Jul 2022 – Dec 2023

- Boosted ETL pipeline performance by 15% through MongoDB indexing optimization and created backup systems to prevent downtime, ensuring reliable data flow.
- Reduced report generation time by 20% by restructuring Jasper Reports, enhancing overall operational efficiency.
- Developed an ETL pipeline for HedgeServe, automating integration of historical and daily data, enabling seamless analysis.
- Optimized RESTful APIs with Spring Boot to reduce response times, improving overall user experience.
- Integrated third-party and Bloomberg SAPI APIs for market data retrieval and risk assessment.
- Created detailed ETL pipeline documentation, ensuring consistent future reference and improving troubleshooting efficiency.
- Consulted clients on runtime issues by performing root cause analysis of the problem to provide an effective solution.

Tata Consultancy Services (TCS) **Mumbai, India**

Systems Engineer Jul 2019 – Jul 2022

- Designed and developed scalable intranet web applications with Spring MVC, creating RESTful APIs that supported 10K+ weekly operations and led the team to win the 'Best Team Award' in December 2019.
- Automated compliance processes for the client, eliminating 100% of manual interventions and reducing audit process time by 50%, which led to receiving the 'On the Spot' award in October 2021.
- Built a full-stack application in Java 8 using Java Beans, Controllers, Services, and Custom DAOs for CRUD operations, enhancing user experience and improving performance by 30%, earning the 'On the Spot' award in March 2021.
- Collaborated with stakeholders on feature development, improving workflows to accelerate delivery and minimize errors.
- Maintained 15+ technical documents, ensuring efficient tracking of application flow for future reference and updates.

PROJECTS

OpusLink | Tech Stack: React, Node.js, MongoDB, Socket.IO, Docker Sep 2024 - Dec 2024

- Designed the database schema for optimized performance and consistency, and deployed the application using Docker.
- Built real-time messaging between clients and freelancers with Socket.IO, ensuring seamless and efficient communication.

Roomies | Tech Stack: Node.js, Handlebars, JavaScript, jQuery, CSS, MongoDB, and Express.js Feb 2024 - May 2024

- Designed and developed a roommate finder platform that enables users to search for and connect with potential roommates based on shared interests and preferences.
- Integrated swipe-based functionality for user engagement and built backend using Node.js, Handlebars, and MongoDB.
- Implemented authentication with express-session, ensuring validation and secure handling of login, registration, and actions.

LEADERSHIP EXPERIENCE

- **Graduate Teaching Assistant:** Web Programming (CS 554) (2025)
- **Class Representative,** University of Mumbai (2016-2019)