

# Roshan Melanta

Software Engineer

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## Skills

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**Languages/Databases:** Java, Python, Oracle, MySQL, PostgreSQL, SQL Server

**Web Technologies:** Angular JS, Node JS, React JS, HTML, CSS, JavaScript, JSON, XML

**Software & Tools:** Spring boot, RESTful API, SOAP, Git, Docker, Kubernetes, Jenkins, JIRA

**Cloud Technologies:** AWS (Amazon Web Services)

**Certifications:** AWS Certified Developer Associate

## Education

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**Nottingham Trent University** – MSc Computer Science Sept 2022 – Sept 2023

Relevant coursework: Advanced Software Engineering, Systems Analysis and Design, Service-Oriented Cloud Technologies, Applied Artificial Intelligence, Mobile Interactive Systems.

**University of Mumbai** – B.E in Electronics Engineering June 2016 – Oct 2020

## Experience

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**Software Engineer**, Capgemini – Mumbai, India Nov 2020 – Sept 2022

- Developed and maintained Java-based applications with Spring Boot and participated in all software development life cycle phases, including requirements gathering, design, implementation, testing, and deployment.
- Automated comprehensive unit and integration tests (JUnit 5, Mockito, WireMock) achieving 80% coverage for robust software quality.
- Implemented CI/CD pipeline using Docker and Looper for deploying an app to the AWS cloud
- Developed a user-friendly and intuitive web front-end with Angular JS, simplifying user registration and boosting customer engagement.
- Collaborated effectively with cross-functional teams, leveraging Agile methodologies to optimise workflow processes and achieve a 15% reduction in project turnaround time.

**Python Developer Intern**, Core-Decimal Solutions – Mumbai, India Dec 2019 – Mar 2020

- Leveraged Python and Django to develop a sophisticated model for tracing and categorizing customer feedback, enabling admins to gain valuable insights into customer sentiment and identify areas for improvement.
- Generated technical documentation for the project, including API reference documentation, code comments, and inline documentation.

## Projects

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**Android Notes Application** [github.com/roshanmelanta/ScribblePad-Notes-App](https://github.com/roshanmelanta/ScribblePad-Notes-App)

- Developed and deployed a user-centric notes application with seamless functionality, enabling users to create, edit, and delete notes effortlessly.
- Ensured data security and cross-platform synchronization by implementing Firebase Firestore as the cloud database, and enhanced user experience by integrating camera access for direct image insertion into notes.

**Shares Brokering Service** [github.com/roshanmelanta/Shares-Brokering-Web-Service](https://github.com/roshanmelanta/Shares-Brokering-Web-Service)

- Designed and implemented a Shares Brokering system utilizing Web Services, seamlessly integrating a shares acquisition service with an external currency conversion service to ensure operational efficiency.
- Integrated two external RESTful services into the system: one for real-time currency exchange rates and another for retrieving the latest share value of specific companies, enhancing accuracy and accessibility.