ROHAN CHATURVEDI

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EDUCATION

Jaypee University of Information Technology   *July 2019 - May 2023*
Bachelor of Technology in Computer Science Engineering   CGPA: 7.7
Proficiency : Artificial Intelligence

EXPERIENCE

Software Development Engineer-1 (SDE-1)
Paymentus   *Feb 2023 - Present*

- **Product Security Enhancements:** Developed a custom python script to scan and sanitize sensitive information(Api keys, CC numbers, account numbers) pushed in FTL/HTML templates, enhanced CI/CD to disallow such information from being pushed again. Enforced stricter password policies following **OWASP guidelines**, migrated javascript libraries from ZXCVBN.js to OWASP.js.

- Fixed payment processing bugs, upgraded SSO XOTP payment including multiple custom parameters, built **SOAP APIs** using **Express.js** with **Node.js** middleware in Multi Payment channels and Autopay processing 100,000+ monthly payments across multiple channels and to handle payment liabilities and payload data using **SpringMVC** and **OracleDB** running successfully on via **Terraform** orchestrated **Docker** containers.

PROJECTS

Fake News Detection using Deep Learning, B.Tech Major Project   *Aug 2022- Feb 2023*

- Our project focuses on developing a reliable system for distinguishing between legitimate and fake news using deep learning techniques. Through research papers and comparing analysis, we selected model strategies for best implementations and used ISOT and FA-KES political dataset.

SKILLS

Languages : Python, Java, GoLang, JavaScript, C++
Frameworks: Springboot, SpringMVC, JUnit, Mockito, Mocha, Django, Flask, Numpy, Pandas, SKLearn, PIL, Selenium, REST API, OpenCV2, Node.js, Express.js
Tools/Software : Oracle PL/SQL, Docker, Kubernetes, AWS, Apache FreeMarker Engine, Git, ThunderBird, Tortoise, Postman, Jenkins
Databases : MySQL, Oracle 11g, MonogoDB, Firebase Firestore, REDIS, PostgresSQL, SQLite3

ACHIEVEMENTS

Murious 16.0 Hackathon : 2nd Place   *March 2022*

Created a prototype for digitizing vending machines, using unique QR codes,
Ordering site with RazorPay gateway and Arduino for physical vending motor control.

AlterEgo E-Summit 21 : 2nd Place   *October 2021*

UI mockup and redesign Contest for Tech Sites

Certificates :
Introduction to Data Science, Problem-Solving in Java, Python (Hackerrank)
Natural Language Processing, Artificial Intelligence, Introduction to Deep Learning