

VINAYAK SHUKLA

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EDUCATION

University Institute of Technology, RGPV, Bhopal, MP

Bachelor's, Information Technology

August 2017 - August 2021

GPA: 7.9

Kendriya Vidyalaya No.1, Sagar Cantt, MP

Higher secondary school

April 2016 - April 2017

Percentage: 86%

SKILLS

Framework: Spring Boot, Angular, REST APIs, Microservices, Data Structures & Algorithms, **Kafka**

Languages: Java, TypeScript, **JavaScript**, SQL, HTML, CSS/SCSS

Front End: Highcharts, RxJS, **Bootstrap**, Angular Material

Back End: Maven, Linux/Unix, PuTTY, WinSCP, Neo4j, **PostgreSQL**, JPA, Hibernate, OOP, JWT, JUnit

Version Control: **Git**, SVN

Others: JIRA, Agile Development, VS Code, IntelliJ, Jenkins

PROFESSIONAL EXPERIENCE

Mastercard

Software Engineer 2

Pune, Maharashtra, India

June 2024 - Present

- Contributed to B2B commercial card management system in both front end as well as backend features
- Developed and maintained a responsive UI for the Account Maintenance Application using Angular,
- Set up the backend repository from scratch to listen to **file events** and **process account in bulk**.
- Worked extensively with **Kafka** and **schedulers** for event handling
- Achieved 95% of code coverage with unit tests using **JUnit** and **Jest**

Digitate, Tata Consultancy Services

Systems Engineer

Pune, Maharashtra, India

June 2021 - June 2024

- Contributed to Ignio, **Digitate's(TCS startup)** flagship product, gaining expertise in modern **web development**
- Enhanced Ignio's flagship product by developing a real-time monitoring and predictive module, reducing downtime by 40% and boosting operational efficiency by 25%
- Collaborated with UX teams to develop 25+ Angular-based UI screens across three modules, leveraging **reusable** components for improved efficiency
- Created **REST APIs** and services in **Spring Boot**, utilizing PostgreSQL and Neo4j with Micro services architecture for improved scalability and performance

A2Infotech

SDE Intern

Bhopal, Madhya Pradesh, India

August 2018 - January 2019

- Studied java collections and concepts of presentation, business and data layers in web development
- Implemented all these concepts in an Examination Portal App project which was part of the training

PROJECTS & OUTSIDE EXPERIENCE

Exam Portal

Self-Learning

Pune, Maharashtra, India

December 2023 - March 2024

- Created a web application using Spring Boot, JPA, Angular, SCSS, and Typescript with MySQL, designed for efficient management and organization of exams
- Authentication (JWT-based), authorization (role-based access control), password encryption (BCrypt), and lazy loading for optimized performance, Spring JPA, Angular guards, and lazy loading

Notepad with speech recognition

Student, University

Bhopal, MP, India

November 2020 - February 2021

- Python project builds with Model-View-Controller (MVC) design pattern, integrating libraries such as SpeechRecognition and PyAudio packages
- Implemented robust encryption and decryption functionalities for text, showcasing adept skills in secure data handling

ACHIEVEMENTS

- Solved more than 489 problems on Geeksforgeeks and 325 on Leetcode
- Received an On-the-Spot Award at TCS for consistently delivering features on time
- Achieved top rankings in the HackWithInfy 2021 Hackathon
- Qualified Google CodeJam 2020 (Qualifier Round)