

SOHAM PUSHKARAJ RANE

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[LinkedIn Profile](#) | [GitHub Profile](#)

EDUCATION

Atharva College of Engineering, University of Mumbai

B.E. Electronics and Computer Science

- **CGPA:** 8.43 (Seven Sems)

Aug 2021 – Present

DG Ruparel College of Arts, Science and Commerce

PCM (Computer Science)

12th – 88.2%

Aug 2019 – March 2021

SKILLS

Languages: HTML, CSS, Java, JavaScript, Python, SQL, MySQL, C, C++, Swift

Libraries/Frameworks: Bootstrap, TypeScript, ReactJS, NodeJS, Selenium, Django

Tools: MongoDB, Jupyter, Git/GitHub, VS Code, Atom, Xcode, FastAPI, Figma, PostgreSQL

PROJECT EXPERIENCE

Jobsy – AI Based Online Placement Portal (Full Stack Final Year - Major Project)

[Project Link](#)

TypeScript, FastAPI, PostgreSQL, Figma, Docker, Digital Ocean

- A full-stack campus recruitment platform using FastAPI, PostgreSQL, JWT, Tailwind CSS, and Vanilla JS, deployed on DigitalOcean Ubuntu with Unicorn.
- Integrated MiniBERT and SpaCy NLP for smart resume-job matching and spam detection in job posts.
- FastAPI for user authentications and MongoDB for database management.

Automated Hotel Search and Filter Tool for Booking.com

[Project Link](#)

Python, Selenium and JavaScript.

- Developed an automated hotel search bot using Python and Selenium to scrape and filter listings from Booking.com based on location, price, property type, and star rating.
- Implemented dynamic web element handling with explicit waits and error handling, ensuring robust interaction with changing front-end structures.

PathFinding Algorithm Visualizer (Front End and JavaScript)

[Project Link](#)

HTML, CSS, JavaScript, Bootstrap.

- Web-app allowed the user to visualize pathfinding algorithms such as A* algorithm on a 120x40 grid.
- UI was built using HTML, Bootstrap & CSS.
- Pathfinding algorithms along with the maze generation were executed using JavaScript.

Netflix Clone

[Project Link](#)

ReactJS, NodeJS, MongoDB and Firebase

- Netflix app UI was recreated using ReactJS. Data and events were handled using NodeJS.
- User login and movie files were stored using MongoDB.

CERTIFICATIONS

The Complete 2024 Web Development Bootcamp (MERN Stack) by Angela Yu

[Certificate Link](#)

- Udemy: Issue Date – Oct 2023

iOS Development Training Course by ACE

[Certificate Link](#)

- Atharva College of Engineering: Issue Date – April 2023

Learning Java by LinkedIn

[Certificate Link](#)

- LinkedIn: Issue Date – Feb 2025

PERSONAL INTERESTS/ADDITIONAL ACTIVITIES

- Research Lead at Atharva Satellite Ground Station.
- A member of the Google Developers Student Club (GDSC) in Data Science and Machine Learning.
- Actively Volunteer in the National Service Scheme (N.S.S) for the last two years contributing over 250+ hours of service.
- Curator of TEDxACE for two years, contributing in the management, curation of speakers ensuring successful execution of two TEDx events.
