

Swapnil Markhedkar

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EDUCATION

Pune Institute of Computer Technology

Bachelor of Engineering in Computer Engineering GPA: 9.44/10

Pune, India

Aug 2017 - May 2021

EXPERIENCE

Avaya

Software Development Engineer

Pune, India

July 2021 - Present

- Enabled stateful horizontal scaling of Avaya Aura call control component
- Resolved inconsistency issues and improved High Availability module by 38%
- Performed root cause analysis of highly evasive bugs

NICE Systems

Software Intern

Pune, India

Oct 2020 - March 2021

- Built a scalable system that ensured fault-tolerance and load balancing across web socket layers over AWS EC2 instances using Apache Kafka and Spring Boot.

GoQLES

Software Development Intern

Bengaluru, India

June 2020 - Aug 2020

- Worked with Node.js and angular.js to address several bugs and resolve performance bottlenecks
- Added Leads section to facilitate handling of prospective students

Susthitsoft Technologies

Software Development Intern

Pune, India

June 2019 - Aug 2019

- Developed a Backend-as-a-Service that facilitated creation of a structured database
- Generated APIs for CRUD operations on apps using Django REST framework
- Developed a dynamic UI using Vue.js that aimed to reduce server-side development time by 85%
- Automated pip package creation and versioning using simple CI/CD gitlab pipeline

PROJECTS

Lurker - Social Media Feed Optimizer Node.js, PostgreSQL, React, Python

Theorized and implemented a Multi-Siamese model that identified duplicates and categorised them across platforms like Facebook, Twitter and Reddit to provide a optimised feed for users.

Groundwater Management Tool Node.js, MongoDB

Worked on Server-side using NodeJS and MongoDB in the Smart India Hackathon 2019. The tool helped in analyzing, comparing and predicting groundwater usage for a specific region across the country.

Senior Citizen Care Android, Java

Created an app that schedules timely alarms for medicines as well as reminders for doctor's appointment. Built an emergency panel to quickly contact family members and caretakers.

SKILLS

Programming Languages: Python, C/C++, Java, HTML, CSS, JavaScript, bash script
Frameworks: Node.js, Django, Spring Boot, React
Technologies: Git, MongoDB, MySQL, Android, Docker, Apache Kafka, ksqldb

AWARDS

Smart India Hackathon 2019: 1st place in National Hackathon

March 2019

ABU-ROBOCON: Stood 14th in National Robotics Contest by Robocon, India

March 2018

EXTRA-CURRICULAR

The Kanchan Foundation: Volunteered at NGO to teach underprivileged children.

May 2017

PICT IEEE Student Body: Member

Jun 2018 - Oct 2018

PICT ROBOCON: Member

Sep 2017 - Mar 2018