

Rohit Awate

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EDUCATION

Northeastern University, Khoury College of Computer Sciences Boston, MA, USA
Master of Science, Computer Science GPA: 3.83 2021 – 2023
Part-time Job: Graduate Teaching Assistant (CS 5500 and CS 5008)

University of Pune Pune, India
Bachelor of Engineering in Computer Engineering GPA: 9.41/10 2016 – 2020

TECHNICAL SKILLS

Java, Python, Go, C++, JavaScript, PostgreSQL, MongoDB, React, Docker, Git, Linux

WORK EXPERIENCE

RedCarpet Pune, India
Software Engineer Intern Dec 2020 – June 2021

- Built and released a new, high-performance ledger written in Python and PostgreSQL for handling high-volume credit card transactions. This replaced the legacy system with a modern, scalable solution that provides a framework for future products and accelerates new launches.
- Revamped the existing payments infrastructure by adapting it for faster releases of new products.
- Integrated new payment gateway and virtual account transfers system into existing payments infrastructure in less than a week. This reduced the per transaction cost to customers and the company on average by 100x.
- Quickly developed and integrated a new, cryptographically secure authentication system to maintain compliance with rapidly changing government regulations.
- Resolved numerous critical issues in production to mitigate impact to customers and prevent any regulatory action.
- Entrusted by CTO to conduct technical interviews to hire talent that best fits the technical and work-intensive demands of a fast-growing startup.

Microsoft Pune, India
Microsoft Student Partner Sept 2019 – Aug 2020

- Organized an event called *A Taxi Ride Through Computer Science* to introduce young students to computer science.
- Collaborated with other student organizations to successfully organize events for hundreds of students.
- Completed courses on Microsoft Learn related to machine learning and Azure.

NOTABLE PROJECTS

Privacy Policy Summarization and Unfair Clause Detection Aug 2019 – May 2020

- Led a team of 4 for engineering capstone research project.
- Developed a browser extension that can classify clauses in privacy policies using deep learning into relevant categories and also check whether they are unfair.
- Built
- Mission was to help people make a more informed decision while accepting these policies and improve performance and accuracy of existing techniques, both of which we accomplished.
- Published and presented a paper at the International Conference on Pervasive Computing which won the **Best Paper Award**.

Everest Jan 2018 – June 2019

- Built a full-fledged, efficient REST client in Java with a smaller memory footprint than the competition.
- Implemented numerous features such a comprehensive HTTP request composer, syntax highlighting, requests history, response visualizer, mock servers, and more.
- Garnered almost 800 stars on GitHub and ranked 2nd on GitHub Trending in May 2018.
- Featured by Java's official Twitter handle in December 2018.
- Source code used to teach a course at the University of California, San Diego. (<https://bit.ly/2Hr6zIv>)
- GitHub: <https://github.com/RohitAwate/Everest>

More Projects

- [Genetic Algorithm Visualization](#)
- [Ballad Text Editor](#)
- [AmbiQuick](#)
- [OAuth 2.0 Bin](#)
- [NoteHero](#)
- [Bookworm Library Manager](#)
- [commaQL \(Coming Soon\)](#)
- [DOM Manipulation Engine](#)

ACHIEVEMENTS

MTV's Get A Job: Season 5 (Link to episode) June 2019

- Among the top 5 finalists for an internship position with Microsoft on this national television program.
- Selected from over 15,000 applicants across India.