

Gaurav Ghati

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EDUCATION

University of California, Irvine

Master of Computer Science

Sep 2023 – Dec 2024

Irvine, California

Pune Institute of Computer Technology

Bachelor of Engineering in Information Technology, GPA : 9.21 / 10

May 2018 – Jun 2022

Pune, India

TECHNICAL SKILLS

Languages: CPP, Java, JavaScript, Python, SQL

Tools: Git, Docker, Google Cloud, Mongo Atlas

Frameworks: SpringBoot, NodeJS, Django, ReactJS

Databases: MySQL, MongoDB, SQLite

EXPERIENCE

Bank of New York Mellon

Software Engineer

Jul 2022 – Aug 2023

Pune, India

- Developed an electronic signature software, using Java SpringBoot and AngularJS.
- This software is now used internally in the company and by the company's clients for signing documents digitally.
- Increased code coverage in Java projects by 60%, using JUnit and Mockito.
- Resolved more than 100 Software Composition Analysis (SCA) and vulnerabilities issues.
- Adapted Agile methodologies, CI/CD, and Test-Driven Programming to uphold strong programming practices.

Acumensa Technologies

Software Developer Intern

Jan 2021 – Mar 2021

Bangalore, India

- Build a Supply Chain Management software, using Django REST APIs and ReactJS.
- This project provides multiple features for producers, consumers, suppliers and sellers. And, solves the existing problem of backtracking if any error is found in goods.
- Implemented the permission and approval frameworks, using workflow actions.

Indian Institute of Management Ahemdabad

Summer Project Intern

May 2019 – Jul 2019

Ahemdabad, India

- Worked under guidance of professor Dr. Sanket Mohapatra for developing an educational website that automates the manual process of downloading and visualizing data in graphical manner.
- Technologies employed were Python and JavaScript.

PROJECTS

Technology Assisted Review | NLP, Django REST, ReactJS. | Github Link

Aug 2021 – May 2022

- Developed a Technology Assisted Review methodology using BERT and Bi-LSTM for document assessment.
- Reduced manual review and minimized biases by providing intelligent technology assistant for document review.
- Implemented Continuous Active Learning by using a ranking algorithm to prioritize uncertain documents, thus increasing review accuracy by approximately 45%.
- Employed pseudo rehearsal during incremental learning to prevent catastrophic forgetting and enhance model training efficiency.

Credenz Website Backend | NodeJS and ReactJS | Github Link

Oct 2020 - Feb 2021

- Designed backend APIs for Credenz's (technical fest) website, It was utilized by more than 1200 users at a time.
- Include features like users registration, booking tickets for technical events, payment gateway etc.

Clash RC | Django | Github Link

Aug 2019 - Sep 2019

- Clash RC is an online coding platform used by more than 300 participants in a technical fest (Credenz).
- Contestants can run, test and submit code in C, C++ or Python for various coding questions.

EXTRA CURRICULAR

- Volunteered for PICT IEEE Student Branch (PISB) for more than three years as a technical head.
- Contributed to MLpack and Mozilla open source projects. • Written technical blogs on medium.com/@gauravghati
- Volunteered for Teach for India (From Oct 2019 to Mar 2020), taught Mathematics and Science to high school students.