

Gaurav Ghati

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EDUCATION

University of California, Irvine Masters in Computer Science	Sep 2023 – Dec 2024 <i>Irvine, CA</i>
Pune Institute of Computer Technology Bachelor of Engineering in Information Technology, GPA : 9.21	May 2018 – Jun 2022 <i>Pune, India</i>

EXPERIENCE

Bank of New York Mellon Software Engineer	Jul 2022 – Aug 2023 <i>Pune, India</i>
<ul style="list-style-type: none">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 <i>Bangalore, India</i>
<ul style="list-style-type: none">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 <i>Ahemdabad, India</i>
<ul style="list-style-type: none">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.	

TECHNICAL SKILLS

Languages: CPP, Java, JavaScript, Python, SQL	Tools: Git, Docker, Google Cloud, Mongo Altas
Frameworks: SpringBoot, NodeJS, Django, ReactJS	Databases: MySQL, MongoDB, SQLite

PROJECTS

Technology Assisted Review <i>NLP, Django REST, ReactJS</i> Github Link	Aug 2021 – May 2022
<ul style="list-style-type: none">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 <i>NodeJS and ReactJS</i> Github Link	Oct 2020 - Feb 2021
<ul style="list-style-type: none">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 <i>Django</i> Github Link	Aug 2019 - Sep 2019
<ul style="list-style-type: none">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.