

# Gaurav Ghati

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## EDUCATION

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

## EXPERIENCE

<b>Bank of New York Mellon</b> Software Engineer	Jul 2022 – Aug 2023 <i>Pune, India</i>
<ul style="list-style-type: none"><li>Developed an electronic signature software, using Java SpringBoot and AngularJS.</li><li>This software is now used internally in the company and by the company's clients for signing documents digitally.</li><li>Increased code coverage in Java projects by 60%, using JUnit and Mockito.</li><li>Resolved more than 100+ Software Composition Analysis (SCA) and vulnerabilities issues.</li><li>Adapted Agile methodologies, CI/CD, and Test-Driven Programming to uphold strong programming practices.</li></ul>	
<b>Acumensa Technologies</b> Software Developer Intern	Jan 2021 – Mar 2021 <i>Bangalore, India</i>
<ul style="list-style-type: none"><li>Developed a Supply Chain Management software, using Django REST APIs and ReactJS.</li><li>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.</li><li>Implemented the permission and approval frameworks, using workflow actions.</li></ul>	
<b>Indian Institute of Management Ahemdabad</b> Summer Project Intern	May 2019 – Jul 2019 <i>Ahemdabad, India</i>
<ul style="list-style-type: none"><li>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.</li><li>Technologies used were Python and JavaScript.</li></ul>	

## TECHNICAL SKILLS

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

## PROJECTS

<b>Technology Assisted Review</b>   <i>NLP, Django REST, ReactJS</i>   Github Link	Aug 2021 – May 2022
<ul style="list-style-type: none"><li>Developed a Technology Assisted Review methodology using BERT and Bi-LSTM for document assessment.</li><li>Reduced manual review and minimized biases by providing intelligent technology assistant for document review.</li><li>Implemented Continuous Active Learning by using a ranking algorithm to prioritize uncertain documents, increasing review accuracy significantly.</li><li>Employed pseudo rehearsal during incremental learning to prevent catastrophic forgetting and enhance model training efficiency.</li></ul>	
<b>Credenz Website Backend</b>   <i>NodeJS and ReactJS</i>   Github Link	Oct 2020 - Feb 2021
<ul style="list-style-type: none"><li>Developed backend APIs for Credenz's (technical fest) website, It was used by more than 1200+ users at a time.</li><li>Include features like users registration, booking tickets for technical events, payment gateway etc.</li></ul>	
<b>Clash RC</b>   <i>Django</i>   Github Link	Aug 2019 - Sep 2019
<ul style="list-style-type: none"><li>Clash RC is an online coding platform used by more than 300+ participants in a technical fest (Credenz).</li><li>Contestants can run, test and submit code in C, C++ or Python for various coding questions.</li></ul>	

## 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](https://medium.com/@gauravghati)
- Volunteered for Teach for India (From Oct 2019 to Mar 2020), taught Mathematics and Science to high school students.