

Sahil Jani

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Education

Post-Graduation in Artificial Intelligence	Jan 2024 - Aug 2024 (Expected)
Georgian College, Canada	GPA – 3.7/4
Coursework - AI Algorithms and Math, Machine Learning Programming, Data Manipulation, ML Frameworks, Neural Networks, Conversational AI	
Post-Graduation in Mobile Application Development	May 2023 - Dec 2023
Georgian College, Canada	GPA – 3.7/4
Coursework - iOS Development with Swift, Android Development with Kotlin and Java, Cross-Platform Development with React Native, Mobile App Testing and Debugging, API Development for Mobile Apps using Node.js.	
Bachelor of Engineering - Computer Engineering	Aug 2017 - Aug 2021
Gujarat Technological University, India	GPA – 3.7/4
Coursework - Advanced Topics in Computer Science, Object-Oriented Programming, Software Engineering, DBMS, Data Structures, Computer Networks, Web Development, Cyber Security, Service Oriented Architecture	

Skills

- **Languages/Scripting:** PHP, Rust, Java, Python, Shell, Bash, PowerShell
- **Web Technologies:** HTML, CSS, JavaScript, Typescript, React.js, Next.js, Node.js, NestJS, Django, Spring Boot, Laravel
- **Databases:** MySQL, Postgres, MongoDB, DynamoDB
- **Cloud Technologies:** AWS(EC2, Lambda, S3, RDS, DynamoDB, VPC, Bedrock), Azure, GCP, Docker, Kubernetes
- **Development Tools & Methodologies:** Git, Jira, Jenkins, CI/CD, Agile, Scrum, Terraform, Ansible
- **Data Analysis and Visualization:** Tableau, Power BI, Matplotlib, Seaborn
- **Big Data Technologies:** Hadoop, Spark

Experience

Web Developer (Intern) - Leasey.AI (Vancouver, Canada)	Sept 2023 – Dec 2023
<ul style="list-style-type: none">• Led migration from SaaS to open-source CMS, cutting costs by 75% and adding advanced functionalities.• Developed custom PHP solutions for dynamic functionality, improving interactivity with JavaScript and CSS, achieving a 25% reduction in bounce rate.• Integrated PhpRedis for caching in the PHP environment, resulting in a 40% increase in application speed.	
Software Developer - ManticLabs Web Solutions Pvt. Ltd. (Gujarat, India)	Sept 2021 – Apr 2023
<ul style="list-style-type: none">• Engineered 15+ customized web solutions for diverse client needs, using Git and GitLab for version control and quality assurance, enhancing client satisfaction and project delivery efficiency.• Architected and implemented a scalable software system, accommodating over 100,000 users, enhancing system performance and stability by 40%.• Implemented agile methodologies which reduced project turnaround times by 25%, fostering a more responsive development environment and enhancing overall team productivity.	

Projects

Resume Tailor	Mar 2024 - May 2024
<ul style="list-style-type: none">• Directed development of Resume Analyzer & Job Matching Platform, leveraging NLP techniques to boost application success rates by 30%.• Crafted a user-friendly web interface with React, enhancing accessibility and engagement for platform users.	
Expense Tracker Application	Sept 2023 - Dec 2023
<ul style="list-style-type: none">• Created Expense Tracker solution integrating Node.js backend, Kotlin Android app, and React web app, leading to a 25% surge in user engagement.• Achieved a 60% reduction in manual effort by incorporating AWS CI/CD pipelines, and refining deployment processes based on feedback for enhanced efficiency.	
Distributed Database System	Jun 2021 - Aug 2021
<ul style="list-style-type: none">• Engineered a Java CLI-based distributed database system, integrating data sharding, replication, and consistency protocols to achieve a throughput exceeding 1000 transactions per second, ensuring high availability.	

Award, Scholarship and Honors

- Named to Georgian College's Dean's List for three consecutive semesters, recognizing academic excellence.
- Participated in Georgian College's AI hackathon, aiding project development and teamwork.