

Ashutosh Sahu

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Profile Summary

Motivated Computer Science Engineering graduate with a keen interest in development. I am passionate about applying theoretical knowledge to real-world challenges. A quick learner with a keen interest in continuous development, I am dedicated to excelling as a software developer by leveraging my programming skills. Eager to learn, grow, and contribute to an ever-growing industry.

Education

M.G.M SENIOR SECONDARY SCHOOL	<i>10th Standard - 2019</i>
◦ Score: 83.2	
M.G.M SENIOR SECONDARY SCHOOL	<i>12th Standard - 2021</i>
◦ Score: 82.3	
ITER,Siksha 'O' Anusandhan University	<i>BTech - 2022-26</i>
◦ CGPA: 8.3	

Experience

R&D Intern (Ongoing)	<i>Samsung Prism - '25</i>
◦ Developing and optimizing low-resource spoken language identification (LID) models by integrating TTS-generated multilingual data, improving model accuracy for underrepresented languages.	
◦ Utilizing Python, Signal Processing techniques, Deep Learning (TensorFlow/PyTorch), and NLP frameworks for data preprocessing, feature extraction, and model training	
◦ Enhancing LID performance by generating synthetic speech data, optimizing classification models, and contributing to Samsung's advancements in speech recognition and multilingual AI systems.	

Projects

Study Buddy Finder (Front End)	<i>SIH Hackathon '23</i>
◦ Engineered a full-stack web application with TypeScript, Next.js, and Firebase, enabling students to connect based on shared skills and availability on platform which provides realtime video chat to study together.	
◦ Integrated real-time messaging, search filters, and scheduling features, enhancing study group efficiency and engagement.	
Banking Management System	<i>2023</i>
◦ Designed and developed a robust banking management system using Java, Oracle, and JDBC, enabling seamless financial transactions.	
◦ Implemented core banking functionalities, including deposits, withdrawals, loan management, and customer records, ensuring accuracy and efficiency.	

Activities

- Competed in the Nirman Third Edition Hackathon at Silicon Institute, developing an innovative tech solution under tight constraints.
- Led a team of 5 to design and build a Ecommerce platform, integrating UI/UX components.

Certifications/courses

- Agile Methodology and Cloud Computing by Broadridge(Ongoing)
- AI with Agentforce Champion Program by Salesforce(Ongoing)

Skills

Programming Languages: Java(Intermediate), Python(Beginner)

Web Development: HTML, CSS, Bootstrap, jQuery

Specialization: Data Structures, Algorithms, OOPs, Computer Networks, Operating Systems