

# Shaik Suhail

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## EDUCATION

<b>Sathyabama Institute of Science and Technology</b> <i>BE (Bachelor of Engineering)-Computer Science Engineering (CSE – AI &amp; ML) (9.56 CGPA)</i> <b>Gold Medalist (1<sup>st</sup> Rank in Department)</b>	Chennai, TN Aug. 2021 – Apr 2025
<b>Narayana Junior College</b> <i>Intermediate_MPC (83.6%)</i>	Hyderabad, TG Jun. 2019 – May 2021
<b>Sree Valmeeki High School</b> <i>Secondary School Of Certificate (10.0 CGPA)</i>	Kadiri, AP Jun. 2018 – May 2019

## TECHNICAL SKILLS

**Programming Languages:** Python, C++  
**Frontend:** HTML, CSS, Bootstrap, JavaScript, React.js, Next.js  
**Backend:** Express.js, Node.js  
**Databases:** SQLite, MongoDB  
**Other skills:** AI/ML, NumPy, Pandas, Git, GitHub

## EXPERIENCE

<b>Humcen Global Private Limited (Product Developer Intern)</b> <i>Chennai, Tamil Nadu</i> <ul style="list-style-type: none"><li>Designed and implemented an IP management platform, focusing on patent applications.</li><li>Enhanced backend infrastructure by integrating notifications, job management, tracking status, and bulk process management which improved operational efficiency by 40% and reduced error rates by 25%.</li><li>Gained hands-on experience with Next.js, MongoDB, and other database management systems through real-world projects and mentorship opportunities.</li><li>Engaged in daily stand-ups, sprint planning, and retrospectives, utilizing Agile methodologies for continuous improvement and project success.</li></ul>	Jul 2023 – Aug 2023
<b>NxtWave (Student Mentor)</b> <i>Remote</i> <ul style="list-style-type: none"><li>Guided 561 students and resolved 689 queries on Python, HTML, CSS, Bootstrap, JavaScript, and SQLite.</li><li>Supported students in applying technical skills to practical projects and overcoming coding challenges.</li><li>Ranked in the Top 5% of mentors, providing expert guidance to enhance student learning and project success.</li></ul>	Sep 2022 – Jan 2023

## PROJECTS

<b>Zcrum Project Management App</b>   <i>Next.js, React JS, Tailwind CSS, Prisma, Clerk, Shadcn UI, PostgreSQL</i>   GitHub <ul style="list-style-type: none"><li>Built Zcrum, a full-stack project management app that provides project and sprint management with Kanban boards for tracking issues in a Scrum workflow.</li><li>Enabled secure user authentication with Google and email/password via Clerk for organizational collaboration.</li><li>Optimized data management with Prisma ORM and Neon PostgreSQL, improving query performance by 35% across complex relational data for organizations, projects, sprints, and issues.</li><li>Integrated filters for task priority and assignees, along with a search option, to enhance task management.</li></ul>
<b>Jobby App</b>   <i>React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, Authorization, Authentication</i>   GitHub <ul style="list-style-type: none"><li>Created the Jobby App, a complete job search tool.</li><li>Streamlined the job search process with user-friendly search filters and sorting options, improving user experience.</li><li>30% faster load times were achieved by using effective data fetching and caching techniques to optimize app performance.</li><li>Secured user data with JWT tokens, REST API calls, and local storage.</li></ul>
<b>Automated Review of Research Papers with LLM's</b>   <i>GPT-4, Python, NLP, Text Summarization, Gradio, Fine-Tuning</i> <ul style="list-style-type: none"><li>Developed an LLM-based system to automate scientific paper reviews and generate domain-specific feedback.</li><li>Built modules for PDF parsing, summarization, and semantic similarity to extract key content.</li><li>Applied F1, Precision, and Recall to ensure over 90% feedback relevance, accuracy, and specificity for reviews.</li><li>Improved reviews via fine-tuning, hybrid models, and expert-informed iterative feedback cycles for higher precision.</li></ul>

## ACHIEVEMENTS

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- Received merit scholarship for outstanding academic performance in five consecutive semesters.
- Achieved 2nd runner-up in the CAFE Program out of 35 teams from colleges across Chennai.
- Ranked in the Top 12 out of 8000 participants in the NXTCODE Challenge organized by NxtWave.
- Ranked in the Top 10 out of 6000 participants in the CodeSprint Challenge organized by NxtWave.

## CERTIFICATIONS

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### **Industry Ready Certification in Full-stack Development** | *Nxtwave*

- Developed full-stack web apps using HTML, CSS, JavaScript, React, Node.js, Express, SQLite, and MongoDB.

### **Generative AI with Deep Learning** | *Coursera*

- Learned autoencoders, GANs, and built generative models using TensorFlow and PyTorch.

### **Machine Learning Fundamentals** | *Coursera*

- Mastered supervised/unsupervised learning and built models using Scikit-learn.