

Jashwanth SA

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EDUCATION

B.E Computer Science & Engineering

Chennai Institute of Technology

2022 – 2026

Present CGPA: 8.43

CourseWork: Operating System, DBMS, Data Structures and Algorithms, OOPS, Computer Network

EXPERIENCE

Arwin Networks – Full Stack Developer Intern

Nov 2023 – Dec 2023

- Contributed to the development of stuwoork.com, enabling 10,000+ monthly active users to seamlessly browse and hire freelancers through an intuitive interface.
- Integrated Stripe for subscription payments, processing over 500 transactions monthly, and reduced CSS file size by 25% using Tailwind CSS, improving rendering speed by 30%.

SSOC – Open Source Contributor

June 2024 – July 2024

- Made contributions to projects and competed in various creator quests on Quine as part of the program.

PROJECTS

Real time collab webapp using OPAL *React.js, Docker, Node.js*

- Developed a collaboration platform supporting real-time updates for 100+ concurrent users, leveraging OPAL for 30% faster dynamic policy enforcement.
- Achieved 95% uptime by containerizing the application using Docker and streamlining deployment processes.

Advanced Sentiment Analysis System for Reddit *React.js, Python, Flask, NLTK, Scikit-Learn*

- Processed over 10,000 Reddit comments using NLP techniques, achieving a 93% accuracy across multiple categories.
- Reduced prediction time to 250ms per request and optimized TF-IDF vectorization for 20% faster preprocessing.

Fake News Detection App *Python, Scikit-Learn, Seaborn, Matplotlib, Flask*

- Processed a dataset of over 50,000 news articles, achieving 92% classification accuracy using Scikit-Learn's ML algorithms.
- Reduced inference time by 20% through optimization of Flask-based deployment for real-time prediction.

Electricity Bill Management System *Java, MySQL*

- Designed a system capable of generating bills for 500+ customer profiles monthly, with query response times under 1 second.
- Enhanced database efficiency by 40% using optimized MySQL queries for user data retrieval and management.

CODING PROFICIENCY

LeetCode: Achieved **Knight** badge, with a max rating of **1855** and ranked in **top 5.76%** globally.

CodeChef: Achieved a max contest rating of **1637**, ranked at **3 stars**.

Codeforces: Attained a max contest rating of **1020**, ranked at **Newbie**.

SKILLS

- Languages:** Proficient in Python, Java, C/C++, JS
- Frontend:** HTML, CSS, React, Bootstrap, Tailwind
- Backend:** Node.js, Express.js, MySQL, PostgreSQL, MongoDB
- ML:** Pytorch, Tensorflow, Scikit-Learn, OCR
- Dev Tools:** Git, Github, Postman, Docker, Netlify
- Cloud:** Azure
- Graphic Design:** Figma, Canva, Wix

COURSES

- AZ-900 (**Microsoft Azure**)
- CCNA 1, 2 & 3 (**Cisco**)
- Introduction to LLM (**NPTEL**)
- Business Analyst (**Celonis**)
- Machine learning crash course (**Google**)
- The Complete 2023 Web Development Bootcamp (**Udemy**)
- Modern Big Data Analysis with SQL (**Google Cloud**)

ACHIEVEMENTS

- Quira Creator Quest** – Backed up 12th position in Quira creator quest 013.
- Amdocs GenAI Graduate Hackathon** – Selected for Round 2 in the hackathon showcasing problem solving and technical skills.
- Technica 2024** – Selected for finals in the hackathon organized by VIT.
- GDSC Hack for SDG** – Selected for finals in the hackathon
- Extra Curricular** – Achieved NCC Cadet Certification

VOLUNTEERING

Organized a successful event at the **Hackerz Symposium**, coordinating activities and managing participants.