

Bharath Adhithya C

bharathadhithyac@gmail.com | 8072802174 | linkedin.com/in/badhithyac | github.com/badhithyac

Education

Chennai Institute of Technology, B.E Computer Science and Engineering
• CGPA: 8.52/10

Nov 2022 – May 2026

Experience

Web Development Intern, Zasta Infotek Private Limited

Nov 2023 - Dec 2023

- Migrated an existing MySQL database to Prisma, **improving query times by 30%**, enhancing data retrieval speed.
- Showcased adaptability by quickly learning Prisma ORM and effectively applying it within project timelines using Nest.js.
- Attended client meetings, understanding client requirements and aligning project deliverables accordingly.

Full Stack Developer, Ogrelis

June 2024 – July 2024

- Developed a dashboard using React.js and Node.js (Express) for real-time data visualization and trend analysis.
- Implemented Firebase for real-time data handling and MySQL for efficient data storage.
- Optimized backend performance, ensuring a scalable and robust system for IoT-based health monitoring.

Projects

CAREER-X (ML-Based Career Guidance System) | React, Python, Flask, ML

- Contributed to the development of a machine learning-based career guidance system, enhancing recommendation accuracy.
- Implemented Naive Bayes algorithms using Scikit-Learn, improving model accuracy **from 60% to 83%** (a 23% increase).
- Integrated the models into the backend using Flask, enabling seamless interaction with the application's data flow..

Subsify - ML Subscription Churn Prediction | Machine Learning, Python, Streamlit

- Developed a predictive model for user churn on OTT platforms by analyzing usage patterns to identify inactive subscriptions.
- Helped users identify inactive subscriptions, enabling them to make informed decisions on cancellations.
- Enabled potential **savings of up to \$200 annually** by recommending the unsubscription of unused services.

Uni-Verse – Alumni Association Platform | React, Streamlit, Firebase

- Built an AI-driven platform connecting alumni, students, and universities for career growth, networking, and mentorship.
- Developed job matching, skill gap analysis, and an internship hub with portfolio showcasing for career opportunities.
- Implemented radar plots to compare career trajectories with alumni and track long-term professional growth.
- Integrated accessibility features and interactive on boarding to enhance user experience and platform inclusivity.

Technical Skills

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|------------------|---------|--------------|----------------|--------------|
| • C | • C++ | • Python | • Java | • JavaScript |
| • HTML | • CSS | • React.js | • Node.js | • Nest.js |
| • Streamlit | • Flask | • Bootstrap | • Scikit-Learn | • OpenCV |
| • Beautiful Soup | • Git | • GitHub | • GNU/Linux | • Docker |
| • Jenkins | • SQL | • PostgreSQL | • Firebase | • Prisma ORM |

Certifications

AWS Cloud Practitioner: Proficient in Core AWS Cloud Services and Best Practices

Introduction to Cybersecurity: Certified by Cisco Academy in cybersecurity fundamentals.

The Complete Full Stack Web Development: Certified by Udemy in full-stack development.

Operating Systems: Overview, Administration, and Security: Certified by Coursera (IBM) in OS fundamentals.

Cybersecurity Compliance Framework, Standards Regulations: Certified by Coursera (IBM) in security standards.

Achievements

Best ML Submission, IITDM Vashisht Hackathon: Won the Best ML Submission award, outperforming 100+ teams

Finalist, Intel OneAPI Hackathon: Reached the finals at Daksh, Sastra University, demonstrating technical skills.

Terratech South Zone Finalist: Finalist at Terratech South Zone, recognized for a sustainable tech solution.

SIH Semi-Finalist: Advanced to the semi-finals of Smart India Hackathon with innovative problem-solving.

Competitive Programming

LeetCode: Max rating 1,864 , **Top 5.48%**, Solved 750+ problems, Achieved highest rank in Weekly Contest 437

CodeChef: Max Contest rating 1380, Solved 100+ problems, demonstrating strong problem-solving skills.

Volunteering

- **Events Team – Innovest:** Led a team of 10 to organize 10 workshops with 500+ participants, ensuring seamless execution.
- **Event Lead – Seed Start (Hackerz):** Led SeedStart, an entrepreneurial pitching event with 200+ submissions, managing screening to shortlist the top 10. Coordinated industry outreach, securing 4 experts for the jury panel.