GURUPRIYA BALAMURUGAN

Budding Software Engineer

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CAREER OBJECTIVE

Enthusiastic and proactive Computer Science student with hands-on experience from academic projects and hackathons. Passionate about contributing to a forward-thinking organization by applying technical expertise and a growth-oriented mindset to software development and database management. Ready to learn, adapt, and add value through a fresh approach.

EDUCATION

Bachelor's in Computer Science and Engineering
2022 - Present

Kumaraguru College of Technology
CGPA: 8.41 (till 4th semester)

Higher Secondary(12th standard)
2021 - 2022

SRV Hi-tech Matric Higher Secondary School
Percent: 97.5

ACADEMIC PROJECTS

Museum Ticket booking ChatBot

- Developed a virtual assistant using Microsoft Copilot Studio to streamline museum ticket booking through interactive user conversations.
- Enabled users to check ticket availability, select time slots, and complete bookings efficiently, enhancing user experience and accessibility.

E-commerce website

- Created an e-commerce website as part of the Internet and Web Programming course, tailored to meet the requirements of a small business on Instagram.
- Designed a responsive interface and implemented features for product browsing, contact information, and basic e-commerce functionality, enhancing the business's online presence.

Dairy management

- Developed a Dairy Management System with MySQL as the database, enabling efficient tracking of inventory, orders, and customer information.
- Designed a user-friendly web interface to facilitate seamless data entry and retrieval, optimizing management processes.

Library management

- Developed a Library Management System using MongoDB as the database, leveraging the Django framework to manage book inventory, user accounts, and borrowing history.
- Implemented efficient data storage and retrieval to handle large collections, enabling quick access and streamlined library operations.

SKILLS AND TOOLS

- **Programming Languages:** *Python, Java(Object-oriented Language), C*
- **Web Development:** *HTML, CSS, JavaScript, Python Flask Framework*
- **Database Management:** *MySQL, MongoDB, Neo4j, MySQL Workbench*
- **Cloud Services:** *AWS*
- **Design tools:** *Canva*
- **Virtual Assistant Development:** *Microsoft Copilot Studio*

INTERNSHIP

AICTE GOOGLE ANDROID DEVELOPER (2 MONTHS)

- Completed a virtual internship as an AICTE Google Android Developer, focusing on mobile app development with ***JAVA Kotlin***.
- Built foundational skills in Android app design and interface development using ***Android Studio***, gaining hands-on experience with real-world scenarios.

SOFT SKILLS

- Communication Skills
- Problem-Solving
- Teamwork and Collaboration
- Accountability and Time Management

PARTICIPATION AND ACHIEVEMENTS

- Developed a Power Platform Virtual Agent solution selected for the ***Smart India Hackathon***, showcasing innovative problem-solving skills.
- Achieved a rank of 2153 in ***IEEE Xtreme 18.0,*** demonstrating strong programming and algorithmic capabilities.
- Participated in the 30-hour ***Wise-AI-thon hackathon***, gaining hands-on experience in AI-driven project development.
- Attended a ***Data Structures and Algorithms*** workshop conducted by NIT Trichy, enhancing foundational skills in algorithmic problem-solving and it's respective practices.
- Engaged in ***Devfest*** (Google developers fest), gaining insights into the new technology trends and networking with industry professionals.

CERTIFICATES

- AWS Academy Cloud Foundations and Cloud Architecting
- Data Modeling Foundation by Microsoft
- AICTE Certified Google Android Developer

EXTRACURRICULAR ACTIVITIES

- **Media and Marketing Lead**, Computer Society, **IEEE KCT** Student Branch

Organized events such as Cyber Awareness, CodeWar 2.0, and volunteered for the Gen AI workshop.

- **Member**, YUVA (Students Wing of Young Indians - CII-Yi)

Organized events like Blitz 2.0 and Yi-Thalir 23, contributing to youth engagement and community service initiatives.