AJITHKUMAR M

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PROFESSIONAL SUMMARY

Software Engineer with over 4 years of experience in Python, C, C++, and Swift.

Proficient in Win32 APIs (multithreading, UI), Windows Internals (process, threads, services, registry).

Experience in Django, Flask, FastAPI for scalable application development.

Strong understanding of Object-Oriented Design, Data Structures, and Design Patterns.

Hands-on experience with Visual Studio, Xcode, GCC, and IDEs.

Familiarity with version control (Git, Bitbucket, SVN) and CI/CD tools (Jenkins, GitHub Actions).

Experience in developing RESTful APIs, database management (MySQL, Oracle, NoSQL).

Focus on software security, debugging, and performance optimization.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science, PSNA College of Engineering and Technology, Anna University, 2019

PROFESSIONAL EXPERIENCE

KNIGHT FINTECH (June 2023 - Present) - Python Developer

- Developed and maintained scalable software solutions with Python, C, and C++.

- Implemented system-level programming with Win32 APIs and Windows Internals.

- Optimized application performance, security, and compliance.

- Developed RESTful APIs and integrated database management with MySQL and NoSQL.

- Worked with version control systems such as Git and Bitbucket.

ITC INFOTECH (Nov 2019 - May 2023) - Python Full Stack Developer

- Designed database schema for product information and inventory management.

- Developed backend using Python (Django, Flask), implemented secure authentication.

- Integrated RESTful APIs and real-time stock updates.

- Worked on UI/UX improvements using HTML, CSS, JavaScript.

- Led a team of junior developers and provided mentorship.

PROJECTS

E-Commerce Platform (March 2021 - April 2023)

- Designed and developed database schema using MySQL.

- Implemented a full-stack web application using Django and React.

- Developed RESTful APIs for product listings, orders, and payments.

- Enhanced website performance and security features.

Restaurant Management System (Nov 2019 - Feb 2020)

- Developed a Python-based system for restaurant order management.

- Created a secure, role-based authentication mechanism.

- Optimized database queries for faster performance.

E-Commerce Web Scraping (June 2023 - Present)

- Built web scrapers using Python (BeautifulSoup, Selenium) to extract product data.

- Automated data collection from multiple e-commerce platforms.

- Processed and stored data efficiently for business analytics.

TECHNICAL SKILLS

- Programming: Python, C, C++, Swift

- Frameworks: Django, Flask, FastAPI

- Databases: MySQL, Oracle, NoSQL

- Tools: Visual Studio, Xcode, PyCharm, Sublime Text

- Version Control: Git, Bitbucket, SVN

- Web Technologies: HTML5, CSS3, JavaScript

- Scraping Tools: BeautifulSoup, Selenium, Scrapy

- Development Methodologies: Agile (Scrum, Kanban)

KEY COMPETENCIES

- Strong software engineering practices.

- Proficiency in data structures and algorithms.

- Security and compliance best practices.

- Effective debugging and problem-solving skills.

PERSONAL DETAILS

Date of Birth: 05 April 1997

Languages: English, Tamil

Location: Dindigul, Tamil Nadu, India

DECLARATION

I hereby confirm that the above details are true to the best of my knowledge.