Arockia Bilgates

Software Developer

Seeking a software developer role to apply my skills in full-stack development, Python, Java, and machine learning.

✉ arockiabilgates2@gmail.com

📍 Thanjavur

in linkedin.com/in/bilgates777

☎ +91 6382147298

🖱 bilgates.netlify.app

github.com/Bilgates567

EXPERIENCE

Data Analytics Intern
NULLCLASS (Remote)

10/2024 - 11/2024

Achievements/Tasks

- Developed a real-time Twitter dashboard using Power BI, tracking 10+ KPIs across live data streams.
- Built a Google Play Store data analytics tool in Python to analyze app performance and user feedback.
- **Technologies Used** : Python, Pandas, Power BI, Matplotlib.

Associate Robotic Engineer
Prag Robotics - Thanjavur

02/2024 - 10/2024

Achievements/Tasks

- Trained and mentored over 200 students in Python, R, AI, Robotics, and OpenCV with a 95% course completion rate.
- Facilitated 20+ student-led real-time projects by providing structure, debugging help, and hands-on mentorship.
- **Technologies Used:** Python, R, OpenCV, Machine Learning, AI.

IT Trainer
Cadd Center - Thanjavur

02/2023 - 10/2023

Achievements/Tasks

- Delivered hands-on training to over 100 students in C, C++, Java, Python, and full-stack web development.
- Designed practical assignments and projects that improved student coding skills by 70%.
- **Technologies Used** : C, C++, Java, Python, HTML, CSS, JavaScript.

EDUCATION

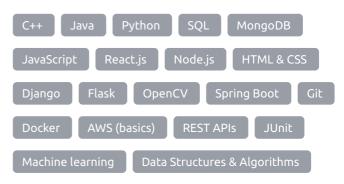### BE – Computer Science and Engineering
St. Joseph's College of Engineering and Technology

2021   *7.21*

Relevant Courseworks

- Data Structures and Algorithms
- System design
- Object-Oriented Programming

SKILLS

C++   Java   Python   SQL   MongoDB

JavaScript   React.js   Node.js   HTML & CSS

Django   Flask   OpenCV   Spring Boot   Git

Docker   AWS (basics)   REST APIs   JUnit

Machine learning   Data Structures & Algorithms

SELECTED PROJECTS

Smart Attendance System
- Developed a face recognition system that automated attendance with 95% accuracy in real-time.
- Implemented live webcam scanning to instantly mark and log attendance to Excel.
- Technologies Used: Python, OpenCV, Pandas, Haar Cascade, Face Recognition.

Bus Booking Reservation System
- Designed a console-based booking system simulating real-world ticketing with user-friendly flow.
- Managed data persistence for 100+ users using MySQL integration.
- Technologies Used: Java, OOP, MySQL.

E-commerce Website
- Built a full-stack application with product listing, cart, and admin dashboard functionalities.
- Handled real-time updates and seamless user experience for over 50+ items.
- Technologies Used: MongoDB, Express.js, React.js, Node.js (MERN Stack)

Spotify Clone Music Website
- Developed a fully responsive Spotify-inspired music website with smooth navigation and modern UI using React JS and Tailwind CSS.
- Implemented dynamic song listing, play controls, and audio streaming features to simulate real-time music playback.
- Technologies Used: React JS, Tailwind CSS, JavaScript.

ACHIEVEMENTS

Solved 300+ Coding Problems on LeetCode
Solved 300+ LeetCode problems in Java and Python. Mentored 200+ students in real-time coding, AI/ML, and OpenCV projects with a 95% success rate through structured guidance and support.