JOHN SUBIKSHA A

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 LinkedIn | GitHub | </> LeetCode

OBJECTIVE

Aspiring software developer with a solid foundation in programming, database management, and backend development. Passionate about leveraging my skills to build efficient, scalable systems while continuously learning and growing in a dynamic environment.

EDUCATION

• **Shiv Nadar University, Chennai**	*Sep 2023 - Aug 2027*
B.Tech in Artificial Intelligence and Data Science	Chennai, India
◦ CGPA: 8.8/10	
• **Government Hr. Sec. School**	*Jun 2021-May 2023*
Higher Secondary Education	Tuticorin, India
◦ Percentage: 97%	

PROJECTS

• **Hostel Management System**   *Ongoing*
Tools: Node.js, MySQL, React, Axios
◦ Built a full-stack web application for hostel room booking and management.
◦ Designed REST APIs using Node.js and MySQL for database storage.
◦ Used React with Axios for seamless data fetching and UI updates.

• **Music App**   [O]
Tools: React, npm, JSON-mockServer
◦ Developed a Spotify-like music streaming app using React and npm.
◦ Simulated API calls using JSON Server to load and display music data.
◦ Implemented dynamic UI components for an interactive user experience.

• **Car Game**   [O]
Tools: HTML, CSS, JavaScript
◦ Developed a simple 2D car game using HTML, CSS, and JavaScript for an interactive gaming experience.
◦ Implemented movement controls and collision detection to enhance gameplay.
◦ Optimized the game loop for smooth rendering and responsive user interactions.

• **Flappy Bird Game**   [O]
Tools: Java, Java Swing
◦ Developed a Flappy Bird-inspired game using Java Swing for UI rendering.
◦ Implemented collision detection and gravity mechanics for realistic gameplay.
◦ Used Java Timer and event listeners to control game physics and user input.

SKILLS

• **Programming Languages:** Java, Python, JavaScript, C
• **Web Development:** HTML5, CSS3, React.js, Node.js, FastAPI, Axios
• **Databases:** MySQL, MongoDB
• **Data Science:** NumPy, Pandas, Matplotlib, Seaborn
• **Machine Learning:** Scikit-learn, Regression, Classification, Clustering
• **Deep Learning:** TensorFlow (basics), Neural Networks
• **Artificial Intelligence:** OpenCV, Search Algorithms (basic)

ACHIEVEMENTS & CERTIFICATIONS

• **Frontend Developer (React) Certification**   *2025*
HackerRank
◦ Earned certification by demonstrating proficiency in React fundamentals, component design, state management, and modern frontend practices.
◦ **Certificate:** Click here to view

• **Merit Scholarship**   *2024*
Shiv Nadar University, Chennai
◦ Awarded a merit scholarship for academic excellence.

• **NPTEL Certification - Ethical Hacking**   *2023*
NPTEL (IIT)
◦ Successfully completed the Ethical Hacking course, gaining insights into cybersecurity principles.