

VIJAYA KUMAR A

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 vijayakumar-portfolio.lovable.app



OBJECTIVE

Computer Science graduate with skills in Python, Java, SQL, React.js, Next.js, Django, and Data Analysis. Experienced in building full-stack web applications, REST APIs, and data-driven projects. Passionate about software development and problem-solving, seeking opportunities as a Software Developer, Python Developer, or Full Stack Developer.

EDUCATION

B.E - Computer Science and Engineering,
Dr.N.G.P.Institute of Technology, Coimbatore
2022 – Present | Coimbatore
8.05

HSC, Veveaham Hr.Secondary School, Dharapuram.
2022 – 2022 | Dharapuram
89.5%

SSLC, Govt Hr.Secondary School, Vadugapatti.
2020 – 2020 | Dharapuram
77%

INTERSHIPS

Internship, Weox.in Technology
19/07/2024 – 03/08/2024 | Coimbatore.

- Developed dynamic web applications using Java and web technologies.
- Worked on frontend and backend development concepts.
- Collaborated with team members to implement project requirements.
- Gained practical experience in software development lifecycle.

TECHNICAL SKILLS

Languages: — Python, Java, SQL

Frontend: — HTML, CSS, JavaScript, React.js, Next.js

Database: — SQL, SQLite, DBMS

Data & Analytics: — Pandas, NumPy, Data Analysis, ETL

AWARDS AND ACHIVEMENTS

Secured 2nd Prize in Paper Presentation at Nexus 2024, Adhitya Institute of Technology
organized by Adhitya Institute of Technology.

COURSES AND CERTIFICATIONS

Python, HACKERANK

Cloud Computing - Elite, NPTEL

PROJECTS

AI & IoT Based Smart Vehicle Adaptive Headlight System
2026

Technologies: IoT, Sensors, AI Concepts

- Developed an adaptive headlight system based on environmental conditions.
- Processed sensor data to adjust light intensity automatically.
- Improved night-driving safety through real-time decision making.

Smart Grievance Box - Complaint Management System
2025

Technologies: Next.js, Django REST Framework, SQLite, Axios

- Developed a complaint management system with role-based access for Students and Admins.
- Implemented complaint submission, status tracking, and resolution workflows.
- Integrated REST APIs using Axios for seamless frontend-backend communication.
- Added feedback and rating features for resolved complaints.

IPL Data Engineering Project
2025

Technologies: Python, Pandas, SQL

- Performed data cleaning and transformation on IPL datasets.
- Developed ETL workflows for structured data processing.
- Analyzed player and team performance using SQL and Python.
- Generated insights through data visualization and reporting.