



Professional Summary

Full-stack developer with internship experience at E2 Solutions, IISPPR, and Young Thames and a proven track record of building scalable, secure, and performance-driven web applications using Python, Django, and AngularJS. Skilled in designing RESTful APIs, integrating diverse databases, and deploying real-time systems. Strong collaborator with experience in Agile teams and passionate about backend optimization, automation, and modern cloud infrastructure.

ACHIEVEMENTS

- Secured 2nd place at IIT Jammu Bootcamp among 100+ participants, presenting a scalable AI-backed solution for employees
- Winner, College Hackathon 2023: Designed a real-time voice-controlled AI assistant for automating desktop operations.
- Conducted web dev & cybersecurity workshop for 30+ students at Harmony House NGO, improving technical literacy in underserved communities.
- Semi-Final Round, e-Yantra Robotics Competition (IIT Bombay) – Developed Eco Mender Bot, an autonomous path following robot that uses Dijkstra's algorithm for optimal pathfinding and navigation.
- ACM-AIII Lead – Led AI/ML initiatives, organized tech events, and mentored peers to boost engagement and learning.
- Ranked 15th All India (Slot 3) in the NCAT Exam 2025, demonstrating strong analytical and problem-solving abilities

PROGRAMMING LANGUAGES

Python (AI/ML, Data Science, Automation), JavaScript (ES6+, Full Stack, React, React Native), Java (OOP, Spring), C (Data Structures & Algorithms), SQL (MySQL, PostgreSQL)

AI & DATA SCIENCE

Frameworks: TensorFlow, Scikit-learn
Concepts: Deep Learning, Neural Networks, NLP, Predictive Analysis
APIs: Gemini API, Google APIs

Web & App Development

Frontend: React.js, HTML5, CSS3, JavaScript, Responsive Design
Backend: Flask, Node.js, Express.js, REST APIs
Full Stack: MERN (MongoDB, Express.js, React.js, Node.js)

Tools & Platforms

Version Control: Git, GitHub
Cloud: Google Cloud, Firebase
Development: VS Code, Postman, Jupyter
Collaboration: Agile, Jira (basic exposure)

Work Experience

Developer Intern – E2 Solutions, Gurugram

June 2024 – July 2024

Interned at E2 Solutions, creating responsive UIs with React.js and optimizing JavaScript to boost site speed by 40%. Collaborated in Agile sprints with a 5-member team and integrated APIs with form validation to enhance user experience.

Web development Intern – Young Thames, Noida

June 2025 – nov2025

Contributed to building and maintaining web applications, improving UI responsiveness, and collaborating with the team to deliver features on schedule.

PROJECTS

Project BRO (Bot for Routine Operations): Developed a voice-controlled automation tool executing 50+ PC tasks with 92% command accuracy, saving users an average of 2.5 hours/week and reducing manual effort by 40%.

Real-Time Book Management: Full-stack system managing 5,000+ books across 3 branches, reducing manual errors by 98% and enabling real-time inventory tracking with an admin dashboard.

Task Master: Built a task management app with ML-powered analytics, boosting task completion by 30% during a 6-week beta with 50 employees. Improved workflow transparency and reduced project delays by 25%.

Code Weave: Created an AI-based project platform for 120+ users, enabling stepwise development via Google APIs. Accelerated project turnaround time by 35%, improving team productivity by 28%.

Research Paper Generator: Automated research tool that generated 50+ structured PDFs with AI visuals and paraphrased content. Shortened research time by 45% using NLP and citation tools.

NFT Partial Ownership Platform: Developed a secure blockchain-based web app enabling fractional NFT ownership and transfer. Integrated smart contracts for real-time tracking, ownership verification, and seamless portfolio management using Web3 and React.

Multiplayer Quiz Game: Built a Node.js and Socket.IO-based quiz app supporting real-time questions, user login, and leaderboard tracking for 100+ users.

Eco Mender Bot: e-Yantra Robotics Competition (IIT Bombay)—Developed Eco Mender Bot, an autonomous path-following robot that uses Dijkstra's algorithm for optimal pathfinding and navigation.

Certifications

Java Certification (2023)

Web Development Certification (2023)

Predictive Analysis (2024)

Neural Networks Certification (2024)

Python (2023)

Data Science (2023)

AI with Python (2025)

EDUCATION:

BTech – CSE (AI & ML)

Dronacharya College of Engineering, 2022–2026

Senior Secondary (XII)

Secondary (X)

Euro International School, 2022

Atul Kata.rya Memorial School, 2020

My Portfolio

