

TANISHQ PARMAR

Full Stack Developer | AI-ML Engineer | Data Science

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SUMMARY

I am a B.Tech student in Artificial Intelligence and Data Science with practical experience in Python-based development, web technologies, and applied machine learning. I've worked on projects involving data processing, model integration, and backend systems, including PaperGen a Flask based web application that automates academic content generation. I've also developed interactive frontends using React and applied UI/UX design principles to enhance usability. My academic background is complemented by research paper publications and leadership roles, and I am actively building a career as an AI/ML engineer, data science engineer, or full-stack developer.

EXPERIENCE

Android Development Intern

[DeveloperOnGo Pvt. Ltd](#) 📅 06/2023 - 07/2023 📍 Mumbai, India

Internship focusing on Android Development and UI/UX design

- Developed Android applications using Flutter Framework
- Certified Standard Android Developer by DeveloperOnGo Pvt. Ltd

Java Programming Intern

[InternPe](#) 📅 04/2023 - 04/2023 📍 Remote

Remote Internship focused on Java programming

- Worked on Java-based projects, strengthening core programming skills
- Certified Standard Java Programmer (Credential ID: IPI#3473) by InternPe

KEY PROJECTS

PaperGen: AI-Integrated Platform for Dynamic Learning Material Creation.

🔗 <https://github.com/parmartanishq/PaperGen-Quiz-MiniProject-Assignments-Generator-AI>

An AI-integrated platform for dynamic learning material creation

- Developed a Flask-based web application to auto-generate quizzes, mini-project ideas, and presentation topics from syllabus files
- Built a responsive two-step UI using HTML, CSS, JavaScript, and Bootstrap
- Integrated Gemini 1.5 Flash API for AI-driven content generation
- Used PyPDF2 and pdfplumber to extract and process text from PDF and TXT files

HiKi - Hisaab Kitaab: An Expense Planner – UI-UX Design

🔗 <https://shorturl.at/grtgp>

UI-UX design for an expense planner

- Designed an intuitive UI for seamless expense tracking
- Created a dynamic calendar interface
- Developed an interactive transaction history dashboard

With You - A Therapy Web Application

🔗 <https://shorturl.at/5wX7w>

Mental health platform for therapy and self-care

- For my final year diploma project, I led the development of With You, a mental health platform built with Bubble.io.
- It included therapist booking, audio support, mental exercises, and social features like group chats and a LinkedIn-style therapist interface, with support for future mobile deployment.

Biometrics RFID Identification System – Technical Research Paper

🔗 <https://shorturl.at/a91rJ>

Educational institutions are adopting Biometric RFID-based attendance systems to replace inefficient and insecure traditional methods. This system combines fingerprint authentication with RFID ID cards, providing accurate, secure, and real-time attendance tracking with precise timestamping.

KEY ACHIEVEMENTS

IEI NMLC-FCRIT Excellence Award for Academic Excellence (Polytechnic - Regional)

Honored under the IEI NMLC-FCRIT Excellence Awards 2024 for exceptional academic performance

Winner of Maharashtra State Board of Technical Education State Level Technical Paper Presentation

First Prize for Biometrics RFID Identification System Research Paper at St. Xavier's Technical Institute, Mahim, Mumbai.

Winner of Technothon 2024 - National Level Technical Paper Presentation

First Prize for Biometrics RFID Identification System Research Paper at Anantrao Pawar College of Engineering and Research, Pune

Assistant General Secretary - Student Council

Demonstrated strong leadership as Assistant General Secretary of the Agnel Polytechnic Student Council

SKILLS

React	Flask	Django	MySQL
Flutter	Figma	Bubble.io	TensorFlow
Motiff			
Python	Java	JavaScript	Bootstrap
HTML	CSS	Wireframing	UI/UX
Git/ Version control		C/C++	IoT

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science

[Shah and Anchor Kutchhi Engineering College](#)

GPA
9.18 / 10

📅 10/2024 - 07/2027

📍 Chembur, Mumbai

Diploma in Electronics and Computer Engineering

[Father Agnel Polytechnic](#)

📅 09/2021 - 08/2024

📍 Vashi, Navi Mumbai