

UTTHAM POOJARY

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GitHub | LinkedIn

PROFESSIONAL SUMMARY

Artificial Intelligence and Machine Learning undergraduate with hands-on experience in AI-powered full-stack development using React, FastAPI, REST APIs, and Generative AI. Strong foundation in software development, problem-solving, and building intelligent applications.

EDUCATION

Canara Engineering College

B.E. in Artificial Intelligence & Machine Learning
CGPA: 8.44

2023 – 2027

Bantwal, Karnataka

EXPERIENCE

IBM SkillsBuild (AICTE) – AI Intern

Mar 2026 – Apr 2026

Python, Generative AI, NLP

- Developed AI-powered solutions using Python and Generative AI as part of a project-based internship.
- Applied NLP and prompt engineering techniques to design and implement intelligent applications.

PROJECTS

EduCareer – AI Career Guidance Platform | React, FastAPI, Graph-BERT, Sentence-BERT

Aug 2025 – Feb 2026
GitHub

- Engineered an AI-powered career guidance platform using React, FastAPI, Sentence-BERT, and Graph-BERT.
- Built REST APIs achieving **82.8%** recommendation accuracy with sub-**224 ms** response latency.
- Developed a patented AI recommendation methodology with **89.2%** skill mapping accuracy.

Digital Twin-Based Wildfire Detection & Prediction System | Python, TensorFlow, OpenCV

Mar 2026 – Present

- Developing a deep learning-based wildfire detection system using satellite imagery and computer vision.
- Integrated environmental datasets for real-time wildfire prediction and monitoring.

Whiteboard – Real-Time Collaborative Drawing App | FastAPI, WebRTC, MongoDB

Jun 2025 – Aug 2025
Live

- Built a real-time collaborative drawing application using WebRTC, FastAPI, and WebSockets.
- Implemented JWT authentication and synchronized multiple users through scalable backend services.

SnapNotes AI – AI Note Summarization App | React Native, Firebase, Gemini API

Jun 2026 – Present
GitHub

- Built an AI-powered note-taking app for capturing, organizing, and summarizing notes.
- Integrated Firebase Authentication and Firestore for secure user management and cloud storage.

TECHNICAL SKILLS

Languages Java, Python, JavaScript, Typescript

Frontend React.js, HTML5, CSS3

Backend Node.js, FastAPI, REST APIs

Databases MongoDB, Firebase Firestore

Tools Git, GitHub, Postman

AI / ML Generative AI, Scikit-Learn, TensorFlow

AWARDS & ACHIEVEMENTS

- Granted Patent** for EduCareer– AI Career Recommendation Platform.
- Winner – Forensic Analyser Award**, CYNEX CyberSiege CTF 2026 (36-hour national competition).

CERTIFICATIONS & ACTIVITIES

Certifications: Generative AI Fundamentals | Git & GitHub

Leadership: Class Committee Member (2023 – Present), Department of AI & ML, Canara Engineering College

Activities: CyberSiege 2026 – 24-hr CTF | Core Unleashed 2026 – 36-hr Innovation Marathon | UDHBAVA 2025–24-hr Nitte Hackathon | Flutter App Development Workshop