

DIVYANSHI AGRAWAL

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PROFILE SUMMARY

Junior Software Engineer specializing in full-stack application development, AI/NLP integration, and scalable cloud-based systems. Experienced in designing and deploying production-grade features including AI text summarization pipelines, subscription billing workflows, and secure authentication services. Adaptive problem-solver with strong ownership and the ability to lead complex development tasks independently.

EXPERIENCE

Junior Software Engineer

SynapseIndia Outsourcing Pvt. Ltd.

July. 2025 – Present

- Solely managing ongoing development and enhancement of **AwareNow** (AI-powered civic engagement platform).
- Built **audio summarization pipeline** using **Azure Speech-to-Text** + **OpenAI** for automated transcription and summarization of public videos and speeches, improving content processing efficiency.
- Implemented **subscription & payment gateway integration** using **Paddle**, including webhook handling, plan lifecycle, and billing UI.
- Integrated **Kinde-based Authentication** (OAuth + SSO) improving user onboarding and security compliance.
- Optimized backend APIs and worker tasks using **Django**, **Celery**, **Redis**, improving system performance and reliability.
- Coordinated deployment workflows and regression testing for feature releases.

AIML Intern

SynapseIndia Outsourcing Pvt. Ltd.

Sept. 2024 – June 2025

- Contributed to the development of **AwareNow** and **Event Management System** using React.js, Django, and PostgreSQL.
- Implemented NLP-based **sentiment analysis** and **recommendation pipelines**.
- Developed UI modules and REST APIs; performed database queries and code debugging.

PROJECTS

AwareNow (Production Project) ([Link](#))

Django, React, PostgreSQL, Celery, Azure Speech, OpenAI, Paddle, Kinde

Oct. 2024

- Designed scalable modules for content summarization, user authentication, and subscription billing.
- Integrated **Azure Speech API** for automated speech-to-text transcription.
- Automated summarization using GPT-based models, reducing manual effort and improving accessibility.
- Integrated **Paddle** for subscription billing and **Kinde** for secure external authentication.

ML-Based Product Categorization & Sales Forecasting

BERT, XGBoost, Python, Pandas, Selenium

March 2025

- Built BERT model to categorize products using description data.
- Developed forecasting model achieving ~90% prediction accuracy.
- Automated dataset creation using Selenium scraping.

Chhiti - Chat App

React.js, Node.js, Socket.IO, MongoDB, JWT

Feb 2024

- Built secure messaging system with OTP email verification, file sharing, and dark mode UI.

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, SQL
- **Backend:** Django, Django REST Framework, Node.js (Medium)
- **Frontend:** React.js, Nest.js(Medium), HTML, CSS, Material UI
- **AI / ML:** NLP, OpenAI APIs, Azure Speech Services, BERT, XGBoost, Text Summarization
- **Cloud:** Azure Services, Celery, Redis
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Authentication & Security:** JWT, OAuth2, Kinde Auth, RBAC
- **Payment Systems:** Paddle Subscription Billing
- **Tools:** Git, GitHub, Postman, Selenium, VS Code
- **Core CS:** Data Structures, Algorithms, OOP, System Design Basics

EDUCATION

Bachelor of Technology in Computer Science (AIML)

GLA University, Mathura

2025 | 81.6%

Intermediate

Kanha Makhan Public School, Mathura

2021 | 88.8%

EXTRA/CO-CURRICULAR ACTIVITIES

- Selected among top 100+ teams in GLA University Hackathon
- HackerRank SQL (Intermediate) Certified ([Link](#))
- Solved **100+** coding problems on LeetCode ([Link](#))
- Attended workshops on Personality Development & Python

DECLARATION

I hereby declare that the information provided is accurate to the best of my knowledge.