Kanishkumar K

Software Engineer

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PROFESSIONAL EXPERIENCE

HashedIn by Deloitte (Deloitte USI)	Chennai, India
Software Development Engineer I	*Apr 2025 – Present*

Demand Brain and Rebate - SPA Optimizer

Delivered FastAPI APIs for analytics visualizations, demand insights, and rebate management for a **Fortune 500 U.S. electrical distributor;** automated email workflows via Microsoft Graph API; improved performance with Redis caching; implemented ticket artifact storage in Azure Blob Storage for project-wide ticketing system.

Copilot - Deal Concierge - Overdue

Worked on AI-powered Copilot Studio chatbot for **Deloitte Opportunity leads**; automated reminders/notifications and enabled flexible status updates via links or date entry (any format), achieving 92% engagement and streamlining overdue opportunity follow-up.

Calibraint Technologies Pvt Ltd	Chennai, India
Software Engineer Intern - Backend	*Jul 2024 – Aug 2024*

- Developed a secure, Dockerized Express backend with MySQL, JWT/Passport authentication, automated cron backups, and comprehensive Jest unit tests with 90% coverage to ensure reliability.

Trillion Thoughts Technologies LLP	Chennai, India
Software Engineer Intern – Full Stack	*Feb 2024 – Apr 2024*

- Built a full-stack web app with React (MUI) frontend and Django REST backend, implementing JWT authentication and MySQL integration for secure, responsive user experiences.

PERSONAL PROJECT

Cyberbullying Detection and Prevention using ML and DL Approaches | *Tech Stack: Django, MySQL*

- Developed a twitter Clone Application using Django, integrating a proactive cyberbullying detection system.
- The detection system employs a **Random Forest classifier** and **BERT based** to identify instances of cyberbullying based on keywords and context with an accuracy of **91.7% F1 score.**

CERTIFICATIONS

- **Gen AI** Essentials | HashedIn by Deloitte (**Gold** level certification)
- AWS Certified Cloud Practitioner | Issued: 07th Sept 2025

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C
- **Frontend Development:** HTML5, CSS3, React.js, Bootstrap, Material-UI
- **Backend Development: FastAPI,** Django (incl. REST framework), Node.js (Express.js)
- **Gen AI Agentic Frameworks:** LangGraph, RAGs, Prompt Engineering
- **Databases:** MySQL, MongoDB, PostgreSQL, SQL Server, Redis
- **Automation Tools:** Copilot Studio (Power Virtual Agents), Microsoft Power Automate
- **Other Tools/ Technologies:** Git, GraphQL, Postman, cURL, Firebase, Docker

SOFT SKILLS

- Teamwork, Collaboration, Effective Communication, Critical Thinking

ACHIEVEMENTS AND PUBLICATIONS

- Built a platform to donate items in Make-a-thon competition conducted by Open Weaver and **won Third place**.
- **Finalist in Survey Sparrow Hackathon, competing against 30 teams** in AI based solution for surveying**.**
- Co-authored and **published a research paper in IEEE** on cyberbullying detection and prevention, leveraging machine learning and deep learning methodologies - https://ieeexplore.ieee.org/document/10919292

ACADEMIC BACKGROUND

Loyola-ICAM College of Engineering and Technology	Chennai, India
Bachelor of Engineering, Computer Science, CGPA: **9 /10**	*Graduated in Jun 2024*