Animish Yadav

2023089, Email: animish23089@iiitd.ac.in

Web: AnimishY.me, GitHub: @AnimishY, LinkedIn: in/AnimishY

Education

Indraprastha Institute of Information Technology
B.Tech, Computer Science and Design
2023 –Present

Skills

Expertise Area	Object-Oriented Programming, Database Management, Data Structures and Algorithms, Cloud Computing
Programming Language	Python, Java, C, C++, MySQL, JavaScript
Tools and Technologies	GitHub, Linux, Shell Scripting, JavaFX, Figma, Azure, Neo4j, Arduino, Figma, HTML, CSS, Illustrator, Photoshop, Google Cloud Platform
Technical Electives	Operating Systems, Advanced Programming in Java, Computer Organization, Discrete Structures, Human-Computer Interaction, Database Management Systems

Projects

Kalahaat: E-Commerce Platform for Small Businesses (Jan,25 – Apr,25)
Guided by Dr. Vikram Goyal, Tech Stack: Python, Flask, HTML/CSS, JS — Team Size - 4
- Developed a scalable e-commerce platform using Flask and Python, to support small business operations allowing concurrent users and inventory & shipping management with 10+ dashboards.
- Built a robust authentication system with role-based access control for 3 distinct user roles, utilizing 256-bit hashed passwords to enhance security and user privacy.
- Integrated an AI-driven search functionality within the MySQL database to provide intelligent product recommendations and improve user experience achieving a 99th Percentile latency of less than 45 seconds.

Angry Birds Clone (Sep,24 – Dec,24)
Guided by Dr. Sambuddho Chakravarty, Tech Stack: Java, LibGDX — Team Size - 2
- Developed an engaging game inspired by "Angry Birds" using event-driven programming and object-oriented principles.
- Advanced with the assistance of LibGDX to closely replicate game physics using more than 15+ physical properties.
- Implemented 50+ JUnit tests to evaluate the functioning thoroughly to handle possible scenarios during gameplay.

Open Texting Application (Feb,24 – Feb,24)
Tech Stack: Python, JavaScript, Firebase — Team Size - 2
- Engineered a real-time messaging application with multiple users, integrating advanced API functionality to enhance communication capabilities for younger audiences as the system incorporated profanity filtering API with 92%+ accuracy.
- Incorporated Microsoft's Language APIs into the web-based application using Azure cloud computing services to facilitate cross-language communication among users, reduce language barriers for 10+ languages and improve overall user experience.

PocketPaisa (Sep,23 – Dec,23)
Guided by Dr. Rajiv Ratn Shah, Tech Stack: Figma — Team Size - 6
- Conducted in-depth user research involving 100+ participants to identify key user needs and preferences for financial management tools, resulting in a comprehensive understanding of user pain points and desires.
- Tested and iteratively refined prototypes using Figma, incorporating user and mentor feedback to enhance the UI/UX design, leading to a 30% increase in user satisfaction during testing phases.
- Executed a rigorous testing process with 3 stages to ensure optimal user satisfaction and ease of use.

Positions of Responsibility

- Program Co-Ordinator, Design Summer School, IIIT Delhi, 2024 (Mar,24 – May,24)
- Team Lead, Entrepreneur-Summit of IIIT Delhi, 2024 (Jan,24 – Mar,24)
- Team Lead, Odyssey, Cultural Fest of IIIT Delhi, 2024 (Oct,23 – Jan,24)
- Batch Representative, Student Senate, IIIT Delhi (Sep,23 – Aug,24)
- Member, Entrepreneurship Cell, IIIT Delhi (Sep,23 – present)

Awards and Achievements

- Secured Dan Kohn Scholarship for KubeCon + CloudNativeCon India 2024 (Dec,24)
- Neo4j Certified Professional (Nov,24)
- Mathematical Thinking in Computer Science with Honors (Sep,24)
- Runner-Up, DevHaven Hackathon organised by Byld IIIT Delhi (Feb,24)
- 40+ Hours of Training on Microsoft Learn