Aditya Punmiya

+91 8233808665 | Email | LinkedIn | adityapunmiya.com

EDUCATION

Manipal University Jaipur   **Jaipur, Rajasthan, India**
Bachelor of Technology in Computer Science Engineering   *October 2021 - July 2025*
CGPA: 8.57/10 [Dean's List]

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, C#, Bash
Frontend: React.JS, Next.JS, Tailwind CSS
Backend: FastAPI, Node.JS with Express.JS, Nest.JS and Next.JS, .NET Core, GraphQL, Deno, Socket.io
Databases: PostgreSQL, MySQL, SQLite, MongoDB, Google Firebase, Redis
Tools & Technologies: Git, AWS, Azure, Digital Ocean, OCI, Vercel, Puppeteer, Linux, Github Actions

WORK EXPERIENCE

Research Intern
Language and Cognition Lab, IIT Kanpur   *June 2023 - July 2023*
- Implemented an algorithm for generating Hindi pseudowords into a web-based platform using Flask and Jinja, enabling practical experimentation.

Full Stack Developer
Software Development Centre, Manipal University Jaipur   *January 2024 - June 2024*
- Developed the backend for my university's notesheet management platform using Node.js with Express.js and PostgreSQL. This project secured 1st place in the Software Development category under Minor Project at my university and is currently awaiting an Indian patent grant.

Full Stack Intern
Blowbits Solutions LLP   *June 2024 - August 2024*
- Built dynamic web interfaces using JavaScript & React, and created server-side applications with C#. Automated tasks on Linux systems with Bourne Shell scripting.
- Managed PostgreSQL and implemented Redis for caching.
- Implemented email systems, developed REST APIs for campaign management on listmonk.
- Authored automation scripts for web application testing using Puppeteer
- Created a C# .NET program for transaction data processing and reconciliation in PostgreSQL.

Backend Intern
Techwondoe   *September 2024 - January 2025*
- Developed and maintained microservices using NestJS, PostgreSQL, and TypeORM.
- Implemented GraphQL queries to fetch data from HubSpot CRM and integrated RESTful APIs to handle communication between the Next.js frontend and the NestJS backend.
- Designed and built a notification microservice to handle notifications across the platform.
- Synced AWS Cognito users with Salesforce users, enabling users to log in through either service.
- Developed logic to generate and validate NCS-compliant UUIDv7 for Salesforce registrations, while AWS Cognito generated UUIDv7 for Cognito users, ensuring uniformity and proper validation across the system.
- Created logic to handle edge cases, including UUID conflicts and user registration flow across multiple authentication systems.

PROJECTS

- **Portfolio**, Created it to highlight my skills, projects and experience. Portfolio
- **Manager**, CRM to manage my portfolio website. CRM
- **PDF To PPT Converter**, Developed user interface and connected it to a PDF to PPT converter AI model. GitHub
- **Randomize Website**, Contributed to building my club's website using React and Tailwind CSS. Randomize
- **Moviefy**, Developed the backend for a website designed to save and share movie lists as part of Hacktoberfest 2022, employing Flask. GitHub
- **Cryptx**, Developed backend for an online treasure hunt using Node.JS and MongoDB. Cryptx
- **Other Minor Projects**, Some projects developed to learn certain technologies or for academic purposes. Portfolio