

NISA HOORAIN

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<https://nisa-hoorain-portfolio.vercel.app/>

<https://github.com/Nisahoorain>

SUMMARY

Backend & AI Developer skilled in building scalable systems using Python (Flask, Django) and Node.js (TypeScript, Express, Prisma). Experienced in REST API development, database design (PostgreSQL/MySQL), and automation. Hands-on with AI tools (OpenAI, Gemini), data analysis, and web scraping, with strong skills in DevOps, API integration, and team coordination via ClickUp.

WORK EXPERIENCE

Bitswits

Feburary 2025 – Present

Backend Python Developer

- Developed and maintained scalable backend systems for mobile and web applications using Django and Django REST Framework and Node.js (TypeScript, Express, Prisma).
- Designed and optimized PostgreSQL database schemas for high-performance data retrieval and storage.
- Integrated third-party and internal APIs to enhance application functionality and user experience.
- Implemented CI/CD pipelines for automated testing and deployment using GitHub Actions and other DevOps tools.
- Collaborated with frontend and mobile development teams to ensure seamless integration and performance optimization.
- Utilized GitHub for version control, code reviews, and collaborative development across distributed teams.

I8IS Infiniti International Solutions

August 2022 – January 2025

Backend & AI Developer

- Led the development of full-stack web applications using Flask, Angular, and Ionic, focusing on HR dashboards, payroll systems, and operational tools.
- Developed and deployed Node.js backend services with TypeScript, Express, and Prisma, building scalable REST APIs and automating data workflows.
- Modeled data structures and created database seed scripts using Prisma.
- Contributed to team WordPress projects, enhancing both design and functionality.
- Developed AI-driven solutions using the OpenAI API, including automation tools and custom chatbots.
- Built Google Sheets-based apps for data scraping, payroll tracking, and workflow automation.
- Managed employee payroll, sprint sheets, team tasks, and project workflows through ClickUp.
- Integrated APIs, managed server deployments, and maintained code on GitHub, ensuring smooth CI/CD processes.
- Actively collaborated across teams to align development with business goals and deliver efficient.

Achievements

- Promoted twice within one year from Intern to Python Developer.

Successfully created tools that enhanced task automation and data analysis, improving workflow efficiency.

EDUCATION

Bachelor of Science in Computer Science (BSCS),
Federal Urdu University of Arts, Sciences & Technology

Present

Intermediate (FSC Pre-Engineering)

2020-2022

Government Degree College for Boys & Girls, Sre Majeed

CERTIFICATIONS & TRAINING

- **Backend Development**, Aptech | October 2022 - December 2022
 - **HTML5 with Responsive Web Design**, Aptech | January 2022 - March 2022
 - **Office Automation**, Aptech | November 2021 - March 2022
 - **Prompt Engineering for Developers** – DeepLearning.AI (Coursera)
 - **Databases and SQL for Data Science with Python** – IBM(Coursera)
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CORE COMPETENCIES

- **Frontend Development**
 - HTML5, CSS3, JavaScript, Angular, Bootstrap, WordPress (basic)
 - **Backend Development**
 - Python (Flask, Django, FastAPI, Django REST Framework), C++(basic), Node.js (TypeScript, Express, Prisma).
 - **AI, Automation & Data**
 - OpenAI API, Gemini, IIm, CrewAI, GPT Engineer, Prompt Engineering, Data Analysis, Google Apps Script, Web Scraping (Selenium, BeautifulSoup)
 - **Databases**
 - MySQL, PostgreSQL, MongoDB (basic)
 - **DevOps & Hosting**
 - AWS, GCP, Hostinger, Bluehost, IONOS, cPanel, Linux (Ubuntu)
 - **Project Management & Tools**
 - ClickUp, Google Sheets (automation, payroll apps), Slack
 - **Version Control**
 - GitHub, Bitbucket
 - **Design & Documentation**
 - Figma, Canva, Adobe Photoshop (basic),
 - **Microsoft Office**
 - Word (project documentation), Excel (payroll systems, project tracking), PowerPoint (presentations)
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PROJECTS

- **CrewAI:** Task management tool integrated with OpenAI for intelligent automation and streamlined workflow handling.
 - **ClickHR:** HR dashboard developed in Flask for managing employee data, payroll, and task assignments.
 - **VerdeBooks:** Accounting web application built using Flask, focusing on finance tracking and report generation.
 - **SS-Track:** Team project tracking system designed to improve collaboration and project visibility.
 - **Payroll & Data Scraping Apps:** Developed with Google Sheets to automate payroll processing and extract operational data efficiently.
 - **Assisted in WordPress Projects:** Contributed to the design and functionality of team-based WordPress websites.
 - **Qunnas:** A social engagement platform inspired by Twitter, enabling creators to publish content, gain subscribers, and interact with followers.
 - **FiverStar:** A fan-based star rating platform allowing users to review and support their favorite celebrities or influencers.
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