HEMANTH SOLLETI

Backend Developer | Bengaluru, Karnataka | hemanthsolleti04@gmail.com | 7731881299 | LinkedIn

Enthusiastic and dedicated Computer Science and Engineering student with a fervent drive to tackle complex challenges Backend Developer with hands-on experience in Django, FastAPI, Microservices, and AI-powered backend systems. Proficient in Python, REST APIs, MySQL, and AI integration using LLaMA models. Experienced in full software development lifecycle including design, development, testing, and deployment. Passionate about building scalable, maintainable, and performant backend systems using modern technologies

SKILLS

Programming Languages: Python, Java, Javascript, OOPS (Object-Oriented Programming), SQL (MySQL, PostgreSQL, SQL Server)

Web & Backend Frameworks: Django, FastAPI, Flask, Node.js, Express.js, REST APIs, Microservices
Frontend Development: HTML5, CSS3, JavaScript, React, Bootstrap, jQuery, Web3
Databases: MySQL, PostgreSQL, MongoDB, SQL Server
Machine Learning & AI: PyTorch, Pandas, NumPy, PySpark, Scikit-learn, Matplotlib, Tableau, Jupyter Notebook, LLaMA Model, NLP
DevOps & Tools: Git, GitHub, Git Actions (CI/CD), Postman, Visual Studio, Docker, WebSocket, Kafka, RabbitMQ, Nginx, Gunicorn
Operating Systems: Windows, MacOS, Linux (Ubuntu)

PROFESSIONAL EXPERIENCE

Wezenite   **Aug 2024 - Oct 2024**

Software Developer (Backend Developer)   *Bengaluru,Karnataka*
- Designed, developed, and optimized backend systems using Python, Django, and RESTful APIs.
- Participated in all stages of the development lifecycle, including system design, coding, testing, and debugging.
- Implemented secure API endpoints, optimized database queries, and collaborated with cross-functional teams for deployment.
- Gained hands-on experience with backend architecture, database optimization, and server-side development.

0101 Digit All Solutions Pvt Ltd   **Feb 2025 – July2025**

Software Developer (Backend Developer)   *Bengaluru,Karnataka*
- Developed and maintained web applications using Django and MySQL, ensuring efficient data handling and performance optimization.
- Designed and implemented function-based views and form handling, improving user interaction and data validation.
- Worked on dynamic role-based user management, including automatic generation of unique codes for users based on their roles.
- Optimized database models by normalizing large datasets and splitting tables to enhance performance and manageability.
- Resolved CSS and static file issues post-deployment on Server, ensuring a smooth UI experience.
- Implemented session-based authentication and designed custom error handling mechanisms for login validation.
- Collaborated with the team to deploy and debug applications, ensuring smooth functionality across different environments.
- Worked with **REST APIs**, integrating multiple services for internal and external data exchange.

PROJECT EXPERIENCE

Happy Farmers
Backend Development (Django & API Development)
- Analyzed business requirements from user stories and translated them into scalable backend solutions.
- Designed, developed, and optimized RESTful APIs for seamless frontend integration.
- Implemented authentication, authorization, and role-based access control (RBAC) using Django.
- Integrated third-party services, payment gateways, and external APIs as needed.
- Deployed and maintained applications on cloud platforms like AWS/Azure.

1IDP Project
Backend Developer (Microservices & Agentic AI)
- Developed backend services using Python microservices architecture, enabling modular, scalable, and maintainable application components.
- Integrated Agentic AI using LLaMA models for intelligent document processing (IDP) features, assisting in automated extraction and classification of data.
- Designed and implemented multiple microservices handling various stages of document parsing, data extraction, and validation workflows.
- Worked on asynchronous task processing and service-to-service communication using message brokers.
- Contributed to API development, service orchestration, and backend system design for AI-powered modules.

Wildlife Organization using Python
Technologies: Python, Django, HTML, CSS
- Developed a full-stack Wildlife Zoo Management website using Django framework.
- Designed intuitive user interfaces for browsing, searching, and account creation.
- Implemented features to educate users about wildlife protection, conservation, and biodiversity awareness at national and international levels.
- Applied role-based access for users to manage content, bookings, and educational resources.
- Ensured responsive design and user-friendly navigation across different devices.

Smart City Travel Portal
Technologies: Java, MySQL, HTML, CSS
- Designed and developed a Smart City travel portal to assist tourists in finding destinations within the city.
- Created admin modules to manage tourist locations, descriptions, and geo-location data in the database.
- Enabled users to search, browse, and plan their travel routes through the web portal.
- Developed backend logic using Java integrated with MySQL database for data management.
- Provided a scalable solution to enhance tourism services and improve city navigation for travelers.

EDUCATION

New Horizon College of Engineering   Jun 2020 - Jun 2024
Bachelor of Engineering – Computer Science and Engineering
CGPA - 8.4/10
Narayana Junior College   Jun 2018 - Mar 2020
Intermediate - M.P.C
CGPA – 8.5
Audisankara E/M High School   Mar 2017 - Mar 2018
High School - 10th
CGPA – 8.8/10

CERTIFICATES

- Machine Learning in Python

- Ethical Hacking

- Software Developer