Ninad N

Senior Software Engineer, 6+ years experience
Jaipur, India
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Dedicated Sr. Software Engineer with extensive 6 Yrs of experience in developing robust applications using Python and its frameworks. Proficient in IoT, web scraping, AI/ML, Microservices, and AWS services, with a strong foundation in database management and version control systems.Designed and implemented FastAPI-based RESTful APIs for core functionalities. Integrated AWS SES for email notifications and AWS Cognito for authentication and authorization. Utilized DynamoDB for data storage, ensuring high availability and low-latency access. Managed and optimized AWS resources, including S3, EC2, and AppStream. Developed secure and efficient API endpoints aligned with project requirements. Worked on cost-effective solutions for AWS infrastructure usage.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• Python	6 years
• SQL	6 years
• ORM	6 years
• Rest API	6 years
• FastAPI	3 years & 5 months
• Selenium	2 years
• SSE websockets	2 years
• Playwright	1 years
• Nodejs	6 months

SOFT SKILLS

Time management, Critical thinking

PROJECT DETAILS

- SaveAWSCost project

Project Description: Worked on the SaveAWSCost project, where I developed a FastAPI-based backend to handle Create, Update, and Delete (CUD) operations, along with additional APIs for invoices, dashboards, and user profiles. The project integrated multiple AWS services to ensure scalability and cost optimization.
Responsibilities: Designed and implemented FastAPI-based RESTful APIs for core functionalities. Integrated AWS SES for email notifications and AWS Cognito for authentication and authorization. Utilized DynamoDB for data storage, ensuring high availability and low-latency access. Managed and optimized AWS resources, including S3, EC2, and AppStream. Developed secure and efficient API endpoints aligned with project requirements. Worked on cost-effective solutions for AWS infrastructure usage.
Technologies: FastAPI, Python, AWS DynamoDB, AWS SES, S3, EC2, AppStream, AWS Cognito
Industry: Software and Platforms

• Co4

Project Description: An IoT-based renewable energy management project focused on government-provided energy resources, billing, and related services
Responsibilities: Led the project, overseeing development and enhancement efforts. Maintained the application to ensure optimal performance and reliability. Collaborated with cross-functional teams to integrate user-facing elements.
Technologies: Python, FastAPI, BFF, SQLAlchemy, Docker, CloudWatch
Industry: Software and Platforms

• DeployByDesign project

Project Description: Worked on the DeployByDesign project, where I developed a Workspace API to automate the provisioning and management of cloud resources. The API facilitates the creation and configuration of EC2 instances, AppStream environments, and other AWS infrastructure components, ensuring seamless deployment and management of cloud workspaces
Responsibilities: Designed and implemented Workspace API for provisioning and managing AWS resources. Automated the creation of EC2 instances and AppStream environments to streamline workspace setup. Developed API endpoints for configuring and managing cloud workspaces efficiently. Ensured secure and scalable deployment using best practices. Optimized AWS resource utilization to enhance performance and cost-effectiveness.
Technologies: FastAPI, Python, AWS EC2, AWS Cognito
Industry: Software and Platforms

EDUCATION

• Bachelors degree in Bachelor of Engineering from university 2016 - 2018

LANGUAGES

• English - native

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