

SHASHANK RALHI

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OBJECTIVE

Accomplished Full Stack Developer with over 4 years of experience in Django backend and React frontend development, along with cloud engineering expertise. Skilled in building scalable web applications, developing REST APIs, and deploying solutions using Azure and Docker with CI/CD pipelines. Experienced in containerization, database management (MySQL, PostgreSQL, MongoDB), and delivering high-performance, user-friendly solutions. Seeking a challenging opportunity to contribute technical expertise in creating robust, scalable, and impactful applications.

EDUCATION

Bachelor of Technology , Information Technology	2016 - 2020
United Institute of Technology (AKTU)	
Intermediate	2015 - 2016
Ramanujan Public School	
High School	2013 - 2014
Ramanujan Public School	

SKILLS

Programming Languages: Python

Data Libraries: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit

Frontend Development: React JS

Frameworks: Django, Flask

APIs: REST API Development

Database Management: MySQL, PostgreSQL, MongoDB

DevOps Tools: GitHub, Docker

Cloud Platforms: Azure

Reports: Power BI

EXPERIENCE

Senior Software Engineer	April 2023 - August 2025
Capgemini	<i>Noida, UP, India</i>

- Developed scalable web applications using Django frameworks.
- Designed RESTful APIs to enable seamless integration between systems and applications.
- Performed data analysis and visualization using NumPy, Pandas, and Matplotlib for business insights.
- Optimized database performance for MySQL and MongoDB, reducing query execution time by 30%
- Containerized applications using Docker and managed deployments on Azure Cloud.

Software Engineer	July 2021 - April 2023
Capgemini	<i>Noida, UP, India</i>

- Created interactive and responsive user interfaces using React JS, Bootstrap, and JavaScript.
- Built backend services and APIs using Django/Flask to support front-end functionality.
- Integrated and managed Azure-based storage and identity services for secure data handling.
- Automated data processing workflows, enhancing efficiency and reducing manual tasks by 40%

PROJECTS

E-Commerce Platform	Oct 2024 - Present
Capgemini	
<ul style="list-style-type: none">Front-End Development: Created responsive, interactive user interfaces using React JS.Backend Services: Developed APIs using Django to manage product listings, user authentication, and order processing.Scalability: Used Docker for containerization and deployed on Azure, ensuring seamless scaling during high traffic.	
Data Analytics Dashboard	Oct 2023 - Aug 2024
Capgemini	
<ul style="list-style-type: none">Backend Development: Built a scalable backend using Django, handling complex data processing and storage requirements.Data Manipulation: Used NumPy and Pandas to preprocess, clean, and transform raw data into meaningful formats.Visualization: Created interactive charts and graphs using Matplotlib for real-time data representation.	
Hybrid Cloud Strategy for a University	Nov 2021 - July 2023
Capgemini	
<ul style="list-style-type: none">Infrastructure Setup: Migrated core services and applications to Azure virtual machines while maintaining some on-premises systems.Automation: Used Azure Resource Manager (ARM) templates and PowerShell scripts to automate resource provisioning.Governance: Implemented Azure Policies to enforce compliance with data security regulations and optimize costs.Backup Recovery: Configured Azure Backup and Site Recovery for disaster recovery planning.	

KEY ACHIEVEMENTS

- Seamless Cloud Migration:** Led migration of 50 systems to Azure with zero downtime.
- Process Automation Efficiency:** Automated 70% of manual processes with PowerShell scripts.
- Enhanced Deployment Accuracy:** Reduced deployment errors by 25% through CI/CD pipelines.

CERTIFICATIONS

- MongoDB SI Associate Certified
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Capgemini OCEAN Certified in System Engineering and Infrastructure Operations