

# SHASHANK RALHI

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## OBJECTIVE

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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

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

## SKILLS

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**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

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

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

<b>E-Commerce Platform</b> Capgemini	Oct 2024 - Present
<ul style="list-style-type: none"><li>• <b>Front-End Development:</b> Created responsive, interactive user interfaces using React JS.</li><li>• <b>Backend Services:</b> Developed APIs using Django to manage product listings, user authentication, and order processing.</li><li>• <b>Scalability:</b> Used Docker for containerization and deployed on Azure, ensuring seamless scaling during high traffic.</li></ul>	

<b>Data Analytics Dashboard</b> Capgemini	Oct 2023 - Aug 2024
<ul style="list-style-type: none"><li>• <b>Backend Development:</b> Built a scalable backend using Django, handling complex data processing and storage requirements.</li><li>• <b>Data Manipulation:</b> Used NumPy and Pandas to preprocess, clean, and transform raw data into meaningful formats.</li><li>• <b>Visualization:</b> Created interactive charts and graphs using Matplotlib for real-time data representation.</li></ul>	

<b>Hybrid Cloud Strategy for a University</b> Capgemini	Nov 2021 - July 2023
<ul style="list-style-type: none"><li>• <b>Infrastructure Setup:</b> Migrated core services and applications to Azure virtual machines while maintaining some on-premises systems.</li><li>• <b>Automation:</b> Used Azure Resource Manager (ARM) templates and PowerShell scripts to automate resource provisioning.</li><li>• <b>Governance:</b> Implemented Azure Policies to enforce compliance with data security regulations and optimize costs.</li><li>• <b>Backup Recovery:</b> Configured Azure Backup and Site Recovery for disaster recovery planning.</li></ul>	

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