

Nauman Tanwir

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Software Engineer with 7+ years of experience across full stack development, DevOps and cloud infrastructure with Terraform. Specialized in securing CI/CD pipelines and automated compliance in high-scale environments. Proficient in Python, GitLab CI/CD, and Docker with deep hands-on experience in securing microservices, managing least-privilege access using AWS Secrets Manager, and building resilient backend infrastructure in AWS/Kubernetes environments.

TECHNICAL SKILLS

DevOps, AWS, Terraform, Jenkins, GitLab CI/CD, Docker, Kubernetes, Shell Scripting, Python, Fast API, Node.js, PostgreSQL, NoSQL, Microservices, Serverless, React.js, Redux, JavaScript, TypeScript

PROFESSIONAL EXPERIENCE

Relocayt Pvt. Ltd. | Canada

Oct 2024 – Present

Senior Software Engineer – Full Stack | Part-Time

- Automated builds, tests, and deployment workflows with GitLab CI/CD, achieving a 40% faster release cycle.
- Deployed Docker applications orchestrated by Kubernetes, enhancing reliability and cutting downtime by 30% through automated scaling and self-healing.
- Used AWS Secrets Manager to implement least-privileged access to secrets and service credentials.
- Integrated security best practices and automated DevOps workflows to align with cloud compliance standards.
- Developed high-performance REST APIs using Python and Fast API, enabling scalable data access and reducing response times by 35%.
- Architected backend systems and microservices with Node.js and PostgreSQL, reducing query execution time by 40% through optimized data modelling.
- Engineered scalable full-stack applications with React, Redux, Node.js, and Express, improving application load time by 30% while maintaining performance.

UrbaneMinds Pvt. Ltd. | India

Lead Web Consultant

Mar 2020 – Apr 2024

- Migrated monolithic architecture to serverless using AWS Lambda, API Gateway, and DynamoDB, reducing costs by 25%.
- Enforcing infrastructure and data access policies through code using Terraform with AWS IAM policies
- Set up automated pipelines with Cypress tests and GitLab CI/CD, improving code quality and delivery speed.
- Designed and managed Infrastructure as Code templates using AWS CloudFormation and Terraform for automated environment provisioning.
- Designed modular microservices and backend APIs in Node.js and Python, reducing data redundancy by 35% and deployment time by 25%.
- Designed and managed database schemas for optimized PostgreSQL and NoSQL workflows, cutting database load by 40%.
- Conducted peer reviews for over 50+ projects, enforcing cloud security practices and efficient coding standards.

Koch Business Solutions | India

Front-End Developer

Apr 2019 – Mar 2020

Responsibilities:

- Led front-end engineering using React and Redux for 10+ e-commerce platforms under Georgia-Pacific LLC.
- Increased unit testing coverage with Jest by 40%, and optimized application performance to achieve perfect Lighthouse scores, reducing asset sizes by over 20%, and optimizing bundle sizes through code splitting in Webpack.

Globant Pvt. Ltd. | India

Web UI Developer

Aug 2017 – Mar 2019

- Optimized a core service and data flow, boosting application performance by 45%.
- Developed 10+ feature modules using AngularJS and integrated API calls with the backend.

- Created 3+ Payment modules for Eros Now, incorporating API integration with the backend.

Ecanvasser Pvt. Ltd. | Ireland

Web Developer

Jun 2016 - Dec 2016

- Created scalable upload and tracking modules using Google Maps API and Chart.js for real-time campaign analytics.
- Increased system reliability and performance monitoring through custom charting and reporting tools.

PROJECTS

My projects are showcased in my <https://naumantanwir-dev.vercel.app/>

Featured Projects -

Shell Scripting and AWS – Cloud Uploader CLI Tool - https://github.com/ntanwir10/Bash-CloudUploaderCLI_AWS

Shell Scripting and Azure – Automated Azure VM deployment - https://github.com/ntanwir10/Azure_ARM_VM

EDUCATION

Postgraduate Certificate Cloud Computing • Loyalist College • Toronto • April 2024 - Present

Master of Science Computer Science • University College Cork • Ireland • May 2015

Bachelors Information Technology • Integral University • India • June 2013