

# Alok Ranjan Pandit

Noida, India

4\* [HackerRank](#)

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## OBJECTIVE

Full Stack Developer with 4 years of experience in building scalable web applications using Node.js, NestJS, and Angular. Skilled in RESTful APIs, authentication, and cloud optimization (AWS, Terraform). Committed to delivering high-quality, performant solutions.

## SKILLS

**Programming Languages:** Node.js, NestJS, JavaScript, TypeScript, Java

**Web Technologies:** Angular, HTML, CSS

**Testing:** Unit Testing, TDD, Mocha, Chai, etc.

**Databases:** MySQL, MongoDB

**Others:** MonoRepo, Agile Methodologies, AargoCD,

**Cloud Services & Tools:** AWS (S3, EC2, CloudFront), Terraform, GitHub, Bitbucket

## EXPERIENCE

### Full Stack Developer

(July -2024 – Present)

#### Rohde & Schwarz

Delhi (Hybrid)

- Built and improved fast and reliable backend applications using Node.js and NestJS, focusing on clean structure, performance, and API connections.
- Created a system to block non-premium users from accessing premium content, making sure only paying users could see it—these impacted millions of customers.
- Set up Auth0 for login and user management, and used Terraform to automate and manage the setup process.
- Configured Single Sign-On (SSO) so users could log in easily and securely across different apps using Entra ID (Azure AD) and AWS.
- Helped lead the move to a new AWS cloud setup that was more organized, easier to manage, and better for growth.
- Wrote and deployed CloudFront Functions using Terraform to handle website traffic more efficiently at the edge (closer to users).
- Set up email notifications for actions like approval, rejection, and welcome messages using SAP Process Engine and Auth0, including email verification for new users.
- Implemented **RESTful** APIs to facilitate seamless communication between the front-end and back-end, enhancing overall system functionality.

### System Engineer

(Apr -2021 – June 2024)

#### Tata Consultancy Services

Noida

- Played a pivotal role in delivering software solutions for two prominent USA-based client I.e **Jhonson and Jhonson & PWC**
- Implemented JWT-based authentication to enhance security and user data protection.
- Delivered role-based access control features, reusable UI components, and login workflows
- Practiced Test-Driven Development (TDD), achieving 90% code coverage using Chai, Mocha, and Node.js Testing Library; integrated SonarQube for code quality monitoring
- Led UI development for key modules using Angular (frontend) and Node.js (backend) to ensure responsive and seamless experiences.

## PROJECTS

### E-Shop | [Git](#).

- E-Shop is a modern e-commerce web application that allows users to browse, view product details, and easily add items to their cart.
- Implemented robust role-based authentication, ensuring secure access to different user roles and enhancing overall system security
- -The application prioritizes a user-friendly interface for seamless navigation, ensuring a hassle-free shopping experience.
- Created reusable components, optimizing code efficiency and promoting a modular and scalable architecture for future enhancements.
- Utilized cutting-edge technologies, including Angular, Node.js, Express, and MongoDB, to build a responsive and feature-rich user interface.

## ACHIEVEMENT & AWARDS

- [Leetcode](#) : 250+ solved leetcode problems
- [HackerRank](#) : Rating 4\* star
- Secured **49<sup>th</sup> Rank** out of 866 candidate in 3DS Code Quest by Dassault Systemes
- Received “Spot on a Team” award from my senior technical manager.
- Received “TOP Talent” rating from my manager during the performance review Cycle.

## EDUCATION

### Chandigarh Engineering College

Aug 2016 – May 2020

*Bachelor of Technology in Computer Science & Engineering*

*Mohali, India*

## CERTIFICATIONS

- [HackerRank](#) : Problem-Solving (Basic, Intermediate), SQL(Basic)