

# Eslam Mohamed

## Backend Engineer (NodeJS & NestJS)

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### Career Objective

Backend Engineer with MERN stack proficiency, committed to building innovative web solutions and driving business success through scalable and efficient development.

### Professional Experience


#### Backend Engineer

DYNO Teck 

Jun 2024 – present  
Egypt

- Developing a real-time location tracking and live status detection server using Nest.js, Socket.IO, MongoDB, and Firebase Cloud Messaging for mobile notifications.
- Managing the VPS infrastructure and CI/CD pipelines for the applications, ensuring seamless deployment and continuous integration.
- Leveraging PM2 to optimize CPU core utilization and monitor server performance.
- Collaborating closely with the mobile (Flutter), frontend (React.js), and testing teams to troubleshoot and resolve complex issues.
- Designing and implementing a comprehensive dashboards for multiple administrative roles.

#### Frontend Engineer





Lean Node Venture Studio 

Feb 2024  
Riyadh, Saudi





At LeanNode, I develop and maintain custom software applications. I work with clients to understand their needs and translate them into technical solutions. My role involves coding, testing, debugging, and deploying software, while collaborating with cross-functional teams to ensure high-quality delivery.

### Personal Projects




#### Full Stack E-Commerce App (ReactJS & NodeJS & Stripe)

Main Features: Stripe Payment Gateway - Send Email - Generate Invoice - User Cart - Wish List - Protected Routing - Authentication (Login/ Register/ ForgetPasswrod/ ResetPassword via OTP) - Authorization - Validation.  
Technologies: ReactJS / ContextAPI / BootStrap / NodeJS / Express / MongoDB / Mongoose / Cloudinary.  
Visit-App  Video-demo  Frontend-repo  Backend-repo 

#### Full Stack Chat-App (Socket.io & ReactJS & NodeJS)

Main-Features: Real-time chatting, One-to-one chat, Group chat (add & remove members only by admin - update group name - leave group), Notification, Authentication (Login / Register / Signout), Authorization, Validation.  
Technologies: Socket.io/ ReactJs/ Chakra-UI/ ContextAPI/ NodeJS/ Express/ MongoDB/ Mongoose/ Cloudinary.  
Visit-App  Video-demo  Frontend-repo  Backend-repo 

#### Noxe-Movies Platform (React.js)

Main Features: TrendingMovies, TVSeries, Actors, TrendingSlider, TVshow, Authentication, Validation, ContextAPI.  
Technologies: HTML5 / CSS3 / Bootstrap5 / JavaScript / LocalStorage / React.js / Context.js / JSON / API.  
Visit-App  GitHub-repo  Video-demo 

### Skills

**Back-End** — NestJS - TypeScript - NodeJS - ExpressJS - MongoDB - Mongoose - SQL - ORM Sequelize - GraphQL - REST API - Firebase - Socket.IO - Docker - Git - GitHub - Bitbucket | **Soft-Skills** — Problem-Solving - Communication - Team-Work

### Education

#### Bachelor of Engineering, Computer and Control systems Department.

Faculty of Engineering, Tanta University.

### Certificates

#### Frontend Web Development Professional

Udacity, EGFWD

#### Web Development Challenger Track

Udacity, EGFWD