ANUJ DEOL

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OBJECTIVE

As a passionate software developer, I aim to utilize my proficiency in back-end technologies, along with my problem-solving abilities, to contribute to the development of cutting-edge software solutions. I'm excited to join a team that's innovative and committed to advancing technology.

EDUCATION

Information Technology Solutions, Humber College	Sept 2022 - April 2024
Bachelor of Computer Science, Galgotias University	Sept 2016 - April 2020

SKILLS

Frameworks: Spring Boot, Node.js, Express.js, AWS Serverless.
Programming Languages: Java, JavaScript, Object-oriented programming (OOP).
AWS Cloud services: Lambda, S3 Buckets, IAM.
Database Management: MongoDB, SQL.
Node.js Libraries: Jest, Mongoose, Express.js, Passport.js, JSON Web Token (JWT).
Java Spring: Spring Boot, Spring Data JPA, Spring Security, Hibernate relationships mapping, Spring Validation, MVC Architecture, Thymeleaf.
Other Technologies and tools: JIRA, Confulence, Git, GitHub, Visual Studio Code, IntelliJ IDEA, Eclipse, SpringToolSuit4, MongoDB Compass, Postman, Figma

Strong debugging and Problem-solving skills.

EXPERIENCE

Software Developer Intern — Jan 2024 - Present
[Fable](#) — *Toronto, Canada*

- Dive into Fable's data model—mastering entities, relationships, and constraints.
- Developed and integrated Auth0 authentication flow within the Figma plugin ecosystem.
- Deployed AWS infrastructure with precision, leveraging code repository-stored configurations (Serverless).
- Developed and rigorously tested Node.js APIs, including automated testing using Jest.
- Tackled MongoDB queries head-on—writing, testing, and optimizing for efficient data handling.
- Produced and consumed SNS and webhook events, to be integrated in business processes
- Navigate 3rd party API docs to shape integration strategies and recommendations.
- Define crucial event flows, covering both published and subscribed events, and specify payload details.
- Skillfully document solution structures and their relationships, using clear written content and diagrams.

Software Engineer — Nov 2020 - July 2022
[Tata Consultancy Services (TCS)](#) — *Noida, India*

- Developed and managed RESTful web services and APIs using Java and Spring Boot within an MVC architecture.
- Spring Security framework, Implemented OAuth 2.0 for secure authentication and authorization, enhancing system integrity and data protection.
- Utilized Hibernate ORM alongside JPA annotations for streamlined object-relational mapping, ensuring effective data persistence and management.
- Conducted rigorous unit testing using JUnit framework, ensuring software reliability and robustness.

- Collaborated closely with frontend developers to ensure seamless integration between backend services and user interfaces, optimizing user experience and overall system usability.

PROJECTS

MovieFlex : MovieFlex is a sleek web application revolutionizing online movie management portal. Featuring login/regsiter functionality, secure authentication and authorization system with encrypted passwords (JWT token and Bycrypt), it ensures user data safety. Powered by Handlebars and Bootstrap on the frontend and Node.js, Express.js, and MongoDB on the backend, MovieFlex offers a seamless user experience. Its RESTful Web APIs efficiently handles data and populates movie information. Additionally, robust session management guarantees uninterrupted user access(using client-session, cookie). (GitHub Repository)

Cottage Booking Backend Server: Developed a robust backend server that uses RESTful APIs with Node.js, Express, and Mongoose. Leveraged MVC architecture for organized code structure and seamless data flow. Integrated with a React Client web application for dynamic server-side data rendering APIs, enhancing user experience and interactivity.Developed MongoDB schema and managed databases using MongoDB Atlas and Mongo Compass. Established database connections using Mongoose. Implemented security features including nodemailer for sending welcome emails and managing password reset functionality. Ensured session maintenance for improved user authentication and security using JWT authentication, . (GitHub Repository)

Java E-Commerce Web App: Developed a dynamic E-commerce website using Java, Servlets, and JSP pages. Implemented backend logic, database connectivity, and business logic using Java and Hibernate ORM framework. Designed and created frontend user interfaces with JSP pages for product catalog, shopping cart, and order processing.. (GitHub Repository)

Other Projects: Explore additional projects on my GitHub account. i.e, OAuth 2.0, Java SpringBoot mini projects etc(GitHub Profile)