

# PRAVEEN CHAMOD

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Associate Software Engineer

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## EDUCATION

University of Ruhuna, Sri Lanka

Feb 2020 - Jun 2023

Bachelor Of Computer Science (GPA 3.2 / 4.0)

- Achieved Second Class Lower(Honor) Division

Bandaranayake Central College, Veyangoda, Sri Lanka

Aug 2015 - Aug 2018

GCE Advanced Level Examination

- Combined Mathematics - B
- Chemistry - B
- Physics - B

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## PROFESSIONAL WORK EXPERIENCE

Associate Software Engineer

Nov 2023 - Present

Fidenz (Pvt) Ltd | Sri Jayawardanapura Kotte, Sri Lanka (On-Site)

### Project - IPER - SQL Server Integration Services Project

- Developing a cloud-based solution as a Full-stack Developer to expose IPER's consumer and business data via a web interface and API, along with creating an administration portal for tracking and updating data, focusing on collaboration with technical leaders and experts.
- Exposure in using recursive CTEs, CTE, temp tables and effective DDL/DML to facilitate efficient data manipulation and data consistency in existing application.
- Created stored procedures that accept parameters and execute when necessary.

Stack: MS SQL Server | SQL Server Integration Services

### Project - Resource Management Portal

- Initiated the research, design, and development of Fidenz Resource Management Portal V1.0, enhancing resource allocation, device management, skills tracking, and event management.
- Engaged in client engagements, facilitated requirement gatherings, and contributed to sprint planning, fostering efficient project execution.
- Constructed core domain entities following Domain-Driven Design standards, resulting in a more resilient, scalable, and maintainable system architecture.
- Designed, developed, and maintained RESTful API adhering to clean architecture guidelines.
- Developed, tested and maintained core features of frontend adhering to enhance user experience.
- Engaged in Unit testing to ensure code reliability and maintain high software quality.
- Maintained proper documentation and reporting in confluence.

Stack: C# | .NET 8 | ASP.NET core Web API | Entity Framework core | LINQ, PostgreSQL | Bitbucket | AWS EC2 | React | Typescript | Tailwind | Eslint | Confluence

### Project - KESA - Event Sourcing Illustrated

- Engaged in product maintenance as a Full-stack Developer for version upgrades of the digital jigsaw puzzle game to demonstrate the practical use of event sourcing.
- Took the responsibility of initiating the project and tasks in the early stages.
- Created responsive UI components and backend services for Login screen functionalities, improving user account management and security.
- Developed the Authentication microservice for JWT authentication to secure user sessions and protect REST APIs.
- Engaged in Unit testing to ensure code reliability and maintain high software quality.
- Exposure to part of the Kafka ecosystem to simplify the process of streaming data using Kafka connect.

Stack: C# | .NET 8 | ASP.NET core Web API | Entity Framework core | PostgreSQL | Kafka | Docker | Bitbucket | React | Typescript | Tailwind | Eslint | Confluence

**Project - InviCon - Inventory Control System**

- Engaged in product development as a Full-stack Developer for inventory management platform in large scale industries as a part of training of the multiplier development.
- Engaged in initial research, designing, planning and implementation of project estimation documentation.
- Constructed core domain entities following Domain-Driven Design standards, resulting in a more resilient, scalable, and maintainable system architecture with database normalization.
- Designed, developed, and maintained secured RESTful API adhering to clean architecture guidelines.
- Created responsive UI components for frontend with industrial standards.

Stack: C# | .NET Core | pgAdmin4 | React | TypeScript | GitHub | Tailwind | Bootstrap | IAM | JWT

**Project - ServNet - Service Provider Platform API**

- Engaged in development of API using spring boot for creating services and obtaining that services from another end which mostly used in the educational domain as a part of training rapidly encouraged with new technologies.
- Engaged in initial research, designing, planning and implementation of project estimation documentation.
- Designed, developed, and maintained secured RESTful API adhering to MVC architecture guidelines.
- Closely worked with senior developers to gain correct guidance for development.
- Exposure to signed JWT for authentication and authorization.

Stack: Java | Spring Boot | Hibernate | JWT | GitHub

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**SKILLS**

- **Language Exposure:** C#, Typescript, Javascript, Dart, JQuery, Java
- **Framework And Technologies:** .NET Framework, .NET Core, Entity Framework, Springboot
- **Frontend Technologies:** React Js, HTML5, Tailwind CSS, JSON, Redux, Bootstrap
- **Database Management:** MS SQL Server, pgAdmin4
- **Development Tools And Practices:** Git, JIRA, Bitbucket, Docker, Source Tree, Confluence, Kafka, CI/CD
- **Software Design:** Object-Oriented Programming, Clean Architecture, MVC Architecture
- **Agile Methodologies:** SCRUM Development