**Paolo Fiol**

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GitHub: <https://github.com/PaoloFiol>



# CAREER OBJECTIVE

# Software Developer with 2+ years of experience in code analysis, debugging, database management, and CI/CD pipeline management in Agile environments. Proficient in full-stack development using technologies like Node.js, Angular, React, and MongoDB. Skilled in troubleshooting, API testing, and delivering scalable solutions. Seeking to contribute to a dynamic software development team, leveraging my technical expertise to improve operations and user experience.

# SKILLS

* C, C++, C#, Java, HTML, CSS, JavaScript, TypeScript, SQL, Python
* Visual Studio Code, Postman, Microsoft SQL Server Management Studio, AWS, Azure DevOps Server
* Angular, React, Next.js, Node.js, Express, Bootstrap, MongoDB, WebSockets
* Microsoft Teams, ServiceNow, REST APIs, Agile Methodology, SDLC, Unit Testing, Git

# WORK EXPERIENCE

## Tata Consultancy Services

## Software Engineer, July 2022 – Oct 2024

* Debugged code to identify and resolve the root cause of issues, enhancing software reliability.
* Contributed to fixes/enhancements for software using Node.js, Angular, JavaScript, and MongoDB.
* Managed and analyzed application database collections, writing complex queries to filter specific data.
* Utilized Postman to test APIs and verify responses, ensuring the integrity of application interfaces.
* Supported project team with CI/CD pipelines using Azure DevOps Server.
* Provided technical support to application end-users, resolving software and network issues.
* Analyzed application logs to diagnose and resolve user errors.

# EDUCATION

## University of Florida

## Gainesville, FL

## B.S. Computer Science (Graduated May 2022)

* **Relevant Courses:** Data Structures and Algorithms (C++), Foundations of Computer Science (C++), Intro to Software Engineering (JavaScript/React), Info and Database Systems (SQL), Operating Systems (C/C++)

# PROJECTS

**Social Network Application**

[**https://social-network-app-pi.vercel.app/**](https://social-network-app-pi.vercel.app/)

* A full-stack social network application that allows users to share posts and make friends. Features include secure authentication, profile management, E2E encrypted private messaging, image uploads and more.
* Built with MongoDB, Express, React, Node.js, JWT, WebSockets, and WebCrypto. Hosted using Vercel and Render.

**Marketplace Application**

[**https://the-marketplace-app-9f5c15d8c4ad.herokuapp.com/**](https://the-marketplace-app-9f5c15d8c4ad.herokuapp.com/)

* A full-stack marketplace application that allows users to list and browse products for sale. Features include user authentication, profile and product management, shopping carts, and more.
* Built with MongoDB, Express, React, Node.js, and JSON Web Tokens. Hosted using Heroku.