



# ED POURSHAHIDI

## SENIOR WEB DEVELOPER

### EXPERIENCE

#### Tech Nova Inc

Remote

Senior Web Developer(Based on back-end)

01/2021 - 06/2025

- Led the complete back-end rebuild of a B2B SaaS platform using Python (FastAPI) and a microservices architecture, resulting in a 52% improvement in page load times and an 18% increase in user retention.
- Architected and deployed scalable microservices with Java (Spring Boot) and Docker, running on AWS Lambda and ECS, achieving 99.9% uptime and reducing deployment time by 40%.
- Designed and secured RESTful APIs, integrating authentication with JWT and managing efficient data access using Spring Data JPA with PostgreSQL.
- Implemented CI/CD pipelines with GitHub Actions and Jenkins, cutting manual deployment time by 60% and significantly reducing the frequency of rollback incidents.
- Optimized system architecture and data flow between services and client-facing layers, collaborating with front-end teams to ensure seamless API consumption and scalable performance.

#### Key Achievements

- Reduced client churn by 12% by implementing key UX-driven API enhancements informed by user feedback and behavioral analytics.
- Lowered infrastructure costs by 22% through strategic refactoring of back-end services and optimization of AWS architecture, including better resource allocation and autoscaling configurations.

#### Key Projects

Remote

Admin Analytics Dashboard-Cisco Company

02/2024 - 06/2025

Stack: Java (Spring Boot), REST APIs, JWT Authentication, PostgreSQL, AWS

- Developed and maintained secure **RESTful APIs** to power a modular, real-time analytics dashboard used for internal business reporting.
- Implemented **JWT-based authentication** and **role-based access control** to manage user permissions and protect sensitive analytics data.
- Optimized API performance and data queries, contributing to a **40% reduction in page load time** and a smoother user experience.
- Integrated dynamic data endpoints supporting **Chart.js visualizations**, enabling live updates and custom reporting views for internal teams.

E-Commerce Admin Portal -Salesforce Company 05/2021 - 04/2022

Stack - Node.js, Express.js, PostgreSQL, REST APIs, JWT Authentication

- Developed and maintained a robust **role-based** admin back-end supporting features such as **order tracking**, **analytics**, and **real-time** inventory management.
- **Designed and optimized RESTful APIs** with strong **data validation** and **error handling**, ensuring efficient, secure communication between client and server.
- **Implemented JWT authentication** and fine-grained **role-based access control**, safeguarding user data and enforcing access policies across the system.
- **Integrated PostgreSQL** for reliable, real-time data operations, contributing to a **40% boost in administrative efficiency** by automating manual workflows.

### CONTACTS

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### SUMMARY

**Senior Back-End Developer** with over **10 years of experience** building **high-performance, scalable server-side applications** across **fintech, e-commerce**, and **SaaS** industries. Proven success in designing and delivering robust **RESTful APIs**, architecting **microservices**, and integrating secure authentication systems. Experienced in **Java (Spring Boot)**, **Python (FastAPI)**, and **Node.js** for backend logic, with deep knowledge of **SQL/PostgreSQL, MongoDB**, and **cloud-native** deployments on AWS (Lambda, ECS). Skilled in setting up **CI/CD pipelines** (GitHub Actions, Jenkins), improving deployment efficiency by up to **60%** and ensuring near-zero downtime. Demonstrated leadership in **agile teams**, enhancing engineering performance by over **30%**, and driving backend architecture that supports modern, responsive front-end frameworks like **Angular** and **React**.

### EDUCATION

**University of Central Florida**

B.S. in Computer Science

Orlando, FL, United State

05/2011 - 08/2015

GPA | **4.0** / 4.0



## CERTIFICATIONS

**AWS Certified Developer – Associate (2023)**  
**Certified ScrumMaster (CSM)**



## SKILL

### Web & AI Development

Front-End: Angular (RxJS · NgRx ·

Angular CLI) · React.js · Next.js ·

Vue.js · TypeScript

Back-End: Node.js · Express.js ·

Django · PHP · REST/GraphQL APIs

AI Development: Python (NumPy ·

Pandas · scikit-learn) · TensorFlow ·

PyTorch · OpenAI API · NLP

DevOps & Tools: Docker · Git ·

GitHub Actions · Jenkins ·

AWS(EC2, S3, RDS) · Vercel

Databases: PostgreSQL · MySQL ·

MongoDB · Redis · Your Skill ·

Testing: Jest · Cypress · Playwright ·

Mocha

Project Management: Agile/Scrum

Jira · Trello · CI/CD · MentorshipCode

Reviews



## EXPERIENCE

### CodeFusion LLC

Remote

Web Developer

06/2017 – 12/2020

- Built and maintained back-end systems for 15+ full-stack applications using Laravel and RESTful APIs, delivering scalable, secure, and maintainable solutions.
- Integrated third-party services such as Stripe, Twilio, and Firebase, enabling seamless payment processing, messaging, and real-time data handling.
- Collaborated with front-end teams to define clean API contracts and optimize data flow, improving system reliability and performance across projects.

### Key Achievements

- Mentored 4 junior developers, 2 of whom were promoted within a year.
- Led the redesign of an e-commerce platform, improving conversion rates by 25%.

### Key Projects

Remote

Customer Onboarding Portal – Intel Corporation.

11/2019 – 12/2020

Stack -.NET Core (C#), Entity Framework, REST APIs, SQL Server, AWS

- **Architected and developed the back-end** of a dynamic customer onboarding portal for a fintech SaaS platform using **.NET Core (C#)** and **Entity Framework**, ensuring scalable and secure user onboarding.
- Implemented **real-time validation**, step-based workflows, and optimized **data flow between client and server**, improving conversion and completion rates.
- Built **secure authentication and authorization** mechanisms with role-based access control, leveraging custom **REST APIs** and efficient data models.
- Ensured full compliance with **financial industry standards** while optimizing performance and scalability through **database tuning** and **API refactoring**.

### BrightSpark Web Studio

Austin, TX : Hybrid

Junior Web Developer

08/2015 – 05/2017

- Created responsive websites and custom WordPress themes for 30+ clients.
- Optimized performance and SEO, improving client site rankings and reducing bounce rates by 40%.

### Key Achievements

- Created over 30 responsive websites and custom WordPress themes tailored to client needs, spanning multiple industries.
- Applied SEO best practices and performance enhancements, resulting in a 40% reduction in bounce rates and improved search engine visibility.

### Key Projects

On-site

Real-Time Chat App – ServiceNow Company

01/2016 – 10/2016

Stack-Socket.IO, MongoDB, JWT.

- **Launched a secure real-time chat platform** serving over **1,000 daily active users**, built for **scalable communication** and **reliable performance**.
- Included features such as **live typing indicators**, **real-time notifications**, and **offline message synchronization** for a **seamless user experience**.