SYAMPRASAD SHAJI
(FullStack Developer)

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PortFolio - https://port-folio-syam.vercel.app

PROFESSIONAL SUMMARY

Results-driven Full-stack developer with 1 year of hands-on experience in building scalable, high-performance web applications. Proficient in React.js, Nest.js, and MongoDB, with additional knowledge of Python and Django. Experienced in using Azure Repos for efficient version control and team collaboration. Adept at problem-solving, API development, frontend architecture, unit testing, and cross-functional collaboration. Passionate about creating impactful digital solutions that enhance user experience and business efficiency.

PROFESSIONAL EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER - (26/08/2024 - PRESENT)

Nuvento - Transasia Cyber Park, Infopark Phase 2, Kakkanad, Kochi,
Full Stack Development(Project- EduHealth ,NKC Dashboard):

- Developed and maintained frontend (React) and backend (Nest.js) features for EduHealth, a school healthcare platform.
- Built REST APIs, integrated MongoDB, and contributed to the admin panel and dashboard enhancements.
- Migrated legacy Node.js dashboard (NKC Project) to a modern Vite-React setup with reusable components.
- Wrote unit tests (Vitest, Jest) and collaborated via Azure Repos for code management and CI/CD.
- Handled bug fixes, live user tickets, and feature improvements.

FULL STACK WEB DEVELOPER INTERN - PYTHON, DJANGO | **16/10/2023 - 18/04/2024**

Luminar Technohub Kakkand , Kochi, Kerala
Developed and implemented architectures for web applications. Improved web development plans to achieve client requirements within assigned timeframes. Increased user experience scores by practicing innovative forward-thinking and overcoming challenges creatively.

SKILLS

Languages: TypeScript, JavaScript, Python

Frontend: React.js, HTML5, CSS3, Bootstrap 5, Vite

Backend: Nest.js, Django, Django REST Framework

Database: MongoDB, MySQL, SQLite

Version Control & DevOps: Git, GitHub, Azure Repos, Azure DevOps

Tools & IDEs: VS Code, PyCharm, Cursor IDE

Containerization: Docker

Testing: Vitest (Frontend), Jest (Backend)

Other: RESTful APIs, JWT Authentication, Agile Development

PROJECTS

EduHealth (Nuvento | React, Nest.js, MongoDB, Azure DevOps)

- Developed and maintained features for a school healthcare platform used in the US.
- Implemented REST APIs, dynamic components, unit tests, and admin panel enhancements.
- Handled bug fixes and collaborated with DevOps teams through Azure Repos

NKC Dashboard Enhancement (Nuvento | React, Node.js, Vite)

- Migrating an older class-based Node.js dashboard project to a modern Vite-based setup.
- Refactored legacy code to modern ES module standards and React component structures.

Banking API (Personal Project | Django REST Framework, JWT)

Developed a secure and feature-rich banking API using the Django REST Framework.
Account Registration: Secure account creation with email verification and MPIN setup.
User Authentication: JWT-based authentication with token customization for enhanced security.
Account Management: View account details, balance, location, and IFSC code.
Money Transfer: Transfer funds between accounts within the same bank (debit sender, credit receiver). Facilitate various payments (e.g., recharges) with balance deductions.
Transaction History: Track all transaction details (sender, receiver, amount, timestamp).

E-Commerce Website (Personal Project | Django)

Developed a functional e-commerce website using Django. Implemented user authentication, product catalog, payment gateway, social authentication and shopping cart functionality

Gym Management Application (Personal Project | Django, HTML/CSS/JS, Bootstrap)

Developed a web-based gym management application for streamlined operations.
User Roles (Admin, Student, Trainer) with permission-based access.
Real-time chat functionality using Django Channels, Redis, and Daphne server.
Membership Management - payment processing via Razorpay, student profiles, trainer assignments, and Social authentication for faster signup.

EDUCATION

Bachelor of Science in Physics
Unions Christian College -Aluva, Kerala - 07/2018 - 03/2023

Govt Boys Higher Secondary -Aluva, Kerala
Computer Science, - 06/2014 - 03/2016

COURSES

Python,Django-Angular FullStack web development 03/2023–09/2023
Luminar Technolab (Software Training Institute) - Kochi, Kerala

INTERESTS

Travel Enthusiast: seeking to explore new places, diverse cultures, and adapt to new environments to broaden horizons and develop a global perspective.
Volunteerism: Volunteering with the National Service Scheme has taught me the importance of teamwork, empathy, and social responsibility, enabling me to contribute to community development initiatives. github.com/syam2400

CERTIFICATIONS

National Council for Technology and Training Certificate
(NACTET) NACTET Certificate in Python, Django full-stack web development