Eugene Moshchyn

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PROFESSIONAL SUMMARY

Result focused and quality-oriented Computer Science graduate, with 5 years of hands-on experience in software engineering. My focus on results and commitment to quality has allowed me to develop a strong skillset in various programming languages. While I concentrated on C++ during my studies, I have since specialized in Python for process automation and data analysis and Typescript for front-end and back-end development, leveraging it for developing scalable applications with strong typing and code structure. Solid understanding of software development lifecycle principles and have applied these principles in various projects. Able to work under tight deadlines and rapidly changing priorities, adapting quickly to new material. As a team player, I am known for my strong problem-solving and analytical skills, which I apply creatively to resolve complex challenges. In addition to my technical skills, I also possess strong communication skills and can work effectively with both technical and non-technical team members. I am constantly seeking opportunities to learn and expand my knowledge, which has helped me to stay up to date with emerging technologies and trends in the industry.

TECHNICAL SUMMARY

Hardware	x86-64, ARM, Arduino, Raspberry Pi
OS	Windows XP, Vista, 7, 8, 10, 11; Linux (Ubuntu 20.04, WSL); MacOS; Android; iOS
Languages	Python, TypeScript, JavaScript, HTML, CSS, SQL, C, C++, LaTeX, Dart, Assembly
Front End	NextJS, ReactJS, Redux, D3.js
Back End	NestJS, Express, Django REST Framework
Server-Side	Docker, CQRS, REST, GraphQL, RabbitMQ, Microservices Architecture, Serverless
Version Control	Git, GitHub, GitLab, JetBrains Space
Software	Adobe Creative Suite, Microsoft Office, Miro
Project Management	JetBrains Space, Microsoft Teams, Slack, Trello, Jira, Freshdesk
Testing	Insomnia, Postman, Faker, Playwright, JestJS, Supertest, PyTest
Process Automation	Playwright, Selenium WebDriver, Beautiful Soup, OpenPyXL, AIOHTTP, Requests
Database	MySQL, PostgreSQL, Firebase, MongoDB, Neo4J

CAREER HISTORY

Critical Relationships Manager
February 2023 — Current
Entrepreneur | Logistics and Transportation
Sacramento, CA

- Spearheaded operations for freight dispatch, including asset management and team coordination.
- Developed and implemented an automated invoice generation system, enhancing efficiency.
- Negotiated and resolved numerous transaction disputes, securing favorable financial outcomes.
- Resolved operational challenges and provided strategic direction and technical support to the team.

Software Engineer Consultant
February 2023 — Current
Self Employed | Freelance and Open-Source
Remote

- Conducted comprehensive code reviews to ensure adherence to best practices, leading to improved code quality and logical consistency.
- Actively mentored team members during code reviews, fostering a collaborative environment and facilitating knowledge sharing.
- Employed problem-solving techniques to break down challenges, resulting in increased productivity and a more efficient distribution of responsibilities.
- Acted as a bridge between technical and non-technical stakeholders, enhancing clarity of requirements and improved collaboration among team members.

Software Engineer   **November 2021 — February 2023**
XPEL One | Logistics and Transportation   Sacramento, CA

- Designed and developed several dedicated services, resulting in improved traffic leverage, scalability, and resiliency.
- Leveraged reliable sources, such as government and industry recognized authorities, to populate the production database, ensuring the presence of accurate and well-formed data.
- Conducted comprehensive automated and manual testing, leading to enhanced code quality and improved project maintainability.
- Performed database optimization, that resulted in improved efficiency and significantly enhanced overall database performance.

Software Engineer   **March 2019 — November 2021**
IncoFort | Sales   Sacramento, CA

- Analyzed and normalized data, leading to optimized storage, elimination of duplicates, and the establishment of a consistent and standardized data structure.
- Implemented security best practices, ensuring the protection of sensitive data and compliance with industry standards.
- Automated a wide range of tasks using a diverse set of techniques, resulting in significant time savings and a substantial increase in overall productivity.
- Developed and crafted visually intuitive diagrams depicting process flows, logic, and architecture, enabling enhanced comprehension of application structure and functionality.

Embedded Systems Engineer Intern   **January 2019 — May 2019**
American River College | Embedded Systems   Sacramento, CA

- Applied effective problem-solving methodologies to identify and resolve complex challenges in embedded systems development, resulting in improved productivity and streamlined project execution.
- Actively participated in team meetings and project planning sessions, contributing innovative ideas and suggestions for optimizing project timelines and resource allocation.
- Demonstrated a strong attention to detail and adherence to coding standards during code reviews, ensuring logical consistency and maintainability of embedded systems software.
- Utilized CAD software to design and simulate circuit boards, ensuring compatibility and reliability of hardware components, resulting in enhanced predictability, and streamlined debugging processes.

EDUCATION

Bachelor of Science — Computer Science   **August 2021 — May 2024**
Sacramento State University | Sacramento, CA   **GPA: 3.65**
Key Courses: *Computer Information Science – Programming, Mathematics, Statistics*

Associate of Science — Computer Science and Engineering   **January 2018 — May 2021**
American River College | Sacramento, CA   **GPA: 3.67**
Key Courses: *Electrical Engineering, Computer Information Science – Programming, Information Science – Security*