Ilya Aronov
Full Stack Developer

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EXPERIENCE

- **JPMorgan Chase** — Tampa, FL
  Full Stack Developer — *March 2022 - Present*
  - **Software Development**: Developed scalable and performant front-end components (MFUs) in React using TypeScript with Test-Driven Development (TDD) methodology. Implemented robust backend functionality using Java / Spring Boot microservices, contributing to the delivery of full stack feature sets. Wrote testable code built for scalability, reliability, and resiliency. Created an admin WYSIWYG utility for efficient file management, streamlining daily tasks. Deployed services to Kubernetes clusters. Reviewed PRs for coding best practices, fostering a high-quality codebase. Provided Level 3 support to debug and resolve critical production issues, minimizing downtime and ensuring uninterrupted service delivery.

- **Infosys (Verizon)** — Tampa, FL
  System Engineer — *January 2017 - February 2022*
  - **Software Development**: Designed and developed microservices-based tools, modules, and frameworks for scalable solutions in AWS and OCI environments. Created complex SQL queries, stored procedures, and functions to support database operations. Developed and maintained Continuous Integration/Continuous Deployment (CI/CD) framework using Jenkins. Automated daily, hourly, and on-demand reporting for critical applications, enhancing operational efficiency. Developed a SLACK Chatbot for team management, ticket handling, and reporting.
  - **Administrative**: Investigated and implemented tools, technologies, and processes to improve automation and efficiency. Initiated and troubleshooted Continuous Delivery builds in Jenkins, ensuring smooth deployment processes. Established monitoring and logging tools to track system performance and identify issues promptly. Participated in the hiring process, contributing to team growth and talent acquisition.

- **Verizon** — Tampa, FL
  Production Support — *June 2014 - January 2017*
  - **Support**: Provided essential support for monthly production billing processes, ensuring adherence to Service Level Agreements (SLAs). Conducted SCRUM meetings to track and manage existing issues, fostering a collaborative approach to problem-solving. Diagnosed and resolved production billing issues efficiently, minimizing disruptions and ensuring accurate billing processes.

- **Coastal Carolina University** — Conway, SC
  Teaching Assistant / Tutor — *September 2012 - December 2014*
  - **Tutoring**: Provided tutoring support for Java and C/C++ programming languages, assisting students in understanding course materials and assignments. Conducted one-on-one tutoring sessions to clarify concepts, troubleshoot coding issues, and improve students' programming skills.

PROJECTS

- **A.U.R.A. (Application for Unified Resiliency Assessment)**: Developed an application dedicated to conducting health, vulnerability, and resiliency checks for production applications. Identified areas for improvement to enhance business stability and reliability.
- **Unity: Case Management System**: Led the development of a comprehensive case management system spanning Front, Middle, and Back Office operations. Designed functionalities for Client Relationship Management (CRM), client onboarding, servicing, and account maintenance. Implemented features for transaction repair and exception management, ensuring smooth operation of business processes.
- **Navigator: UI Browser Application**: Created a user interface browser application to interact with the Unity platform. Facilitated searching, tracking, and resolution of payments cases, enhancing efficiency in case management workflows.

SKILLS

- **Programming Languages & Frameworks**: Java, Spring, JPA/Hibernate, Node.js, npm, Express, JavaScript, TypeScript, React, Redux, MVC, Python, Bash Scripting
- **Web Development**: HTML5, CSS3, UI Toolkit Libraries, JSX
- **Database Technologies**: RDBMS, SQLServer, MySQL, Oracle SQL, PostgreSQL, NoSQL, Cassandra
- **Cloud Services & Deployment**: AWS, EC2, RDS, Docker, Kubernetes, Jenkins, Jules
- **Version Control & Collaboration**: Git, SSH, VPN Jira, Confluence, Agile, Scrum
- **Testing & Quality Assurance**: JUnit, Jest, Test Driven Developement
- **APIs & Communication Protocols**: SOAP, RESTful APIs, JSON, Postman
- **Monitoring & Logging**: Splunk

EDUCATION

- **Coastal Carolina University** — Conway, SC
  Bachelor of Science in Information Systems — *May 2015*
  Minor in Computer Science — *GPA 3.5 Dean's List*

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**: TG78JJ42WNQ41G35   - April 2026