

HANIEL SCEVA

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PERFORMANCE PROFILE

Skilled and proactive Full-Stack Developer with solid experience building scalable web applications using modern technologies including **JavaScript, Java/J2EE, Python, ReactJS, Angular, NodeJS, Spring Boot, and Django**. Strong foundation in front-end and back-end development, with hands-on experience working across diverse tech stacks and databases such as **MySQL, PostgreSQL, MongoDB, and Cassandra**.

Proficient in writing clean, efficient, and maintainable code, while following best practices and collaborating in **Agile** development teams. Comfortable working with cloud services like **AWS** and **Azure**, and experienced in using tools like **Git, Jenkins, Docker, and RESTful APIs** for smooth deployment and integration. Enthusiastic about learning and experimenting with new technologies, with a growing track record of mentoring interns and junior developers. Seeking a challenging FSD role to contribute strong technical skills, problem-solving abilities, and build impactful solutions.

TECHNICAL EXPERTISE

Languages: JavaScript, CSS3, HTML5, Java/J2EE, C, C+, Python.

Operating Systems: macOS, Windows, Unix, Linux, Android.

Frameworks: AngularJS 17, ECMAScript 6, jQuery, ReactJS, NodeJS, SailsJS, BackboneJS, Spring Framework, Django Python.

Database: MySQL server, SQL server, Oracle, MongoDB/NoSQL, Cassandra, PostgreSQL.

Tools/Miscellaneous: GIT, Github Copilot, Jira, Jenkins, Ajax, ANT, SOAP, RESTful, Putty, TortoiseSVN, RabbitMQ, Bootstrap, AWS (S3, EC2, RedShift), Azure, Apache spark, Kibana, Grafana, Spring MVC, TablePlus, Spring Boot, Spring JDBC/transaction management, Elasticsearch, Google Could platform, Solr, **Github Copilot**, Prompt engineering.

PROFESSIONAL EXPERIENCE

Java Full stack developer | Eficens LLC (Comcast, Walmart) - Sunnyvale, California

March 2022 - October 2024

- Architected and Integrated **Microsoft OpenAI** into Walmart's subscription prediction system using **NodeJS/Python**, improving forecasting accuracy by leveraging AI to analyze large datasets more effectively, leading to more precise forecasting of customer subscription behaviors.
- Led the architectural design and development of a 100% traceability system to monitor millions of events across multiple teams and modules using **Java 17, Spring Boot, Project Reactor, Kafka, and Grafana**.
- Engineered optimized **Elasticsearch** queries and subqueries to accelerate data retrieval and analysis, improving system performance and enabling real-time, data-driven decision-making.
- Established monitoring and alerting in **Elasticsearch** using **Kibana** and **ElastAlert**, enabling proactive issue detection and resolution to ensure system reliability and performance.
- Enhanced the project by adding a dedicated configurations table in **Cassandra**, enabling flexible, environment-specific code configurations for different deployment scenarios.
- Worked with **Core Java** concepts, including **OOP** principles, Collections Framework, Exception Handling, File I/O, concurrency, multi-threading, **JDBC**, and Generics.
- Implemented application authentication and authorization using **Spring Security** and **OAuth 2.0**.
- Developed **Zerof** test cases in YAML files for regression testing to validate configurations and establish environment connections before deploying modules to production. Always kept the test coverage at 95%.
- Implemented a proactive monitoring strategy using **Prometheus** and **Grafana**, reducing unexpected downtime by 40% and enabling real-time performance tracking.
- Extensive experience using the **Kafka API** to build producer and consumer applications, specializing in **KStreams** components. Proficient in developing and deploying **KStreams** pipelines and clusters.

Member of Technical Staff | Open Networking Foundation - Menlo Park, California

March 2021 - March 2022

- Developed a graphical user interface using **Angular 12** to enable users to interact with and modify **APIs**.
- Implemented **Helm** as a package manager for **Kubernetes** to manage deployment templates and streamline the provisioning of **Kubernetes** resources.
- Migrated the entire project from **Angular 10** to **Angular 12**, including significant code refactoring to support performance and maintainability improvements
- Significantly enhanced **unit testing** coverage of the Angular project, achieving a notable increase from 33% to 80%.

- Spring Boot **microservices** were developed using **microservice** architecture with **RESTFUL** and **Apache Kafka**.
- Utilized **Swagger UI** and **Postman** for API documentation, **testing**, and validation to ensure the robustness and reliability of backend services.
- Contributed to the full software development lifecycle—requirements gathering, analysis, design, development, and testing—using **Agile (Scrum)** methodology and a **Test-Driven Development (TDD)** approach.

Programmer Analyst | Cognizant Technology Solutions - Chennai, India

August 2016 - December 2018

- Developed a **MEAN** Stack project starting with **AngularJS 1.5x**, later upgrading it to **Angular 4**. Ensured adherence to coding standards, passing all test cases defect-free. Adapted project modules as templates for creating other components.
- Created front-end User Interface using **HTML5**, **CSS3**, and **JavaScript** libraries like **jQuery** and **AJAX** for seamless communication with **RESTful APIs**. Implemented **Bootstrap** for enhanced responsiveness and displayed data in **JSON** format for end users.
- Designed and structured **MongoDB** databases meticulously to maintain coherent relationships and associations between different database elements.
- Implemented backend logics in **NodeJS** initially and later migrated to **SailsJS**, optimizing query handling and backend call efficiency to reduce response times cost-effectively.
- Demonstrated expertise in **AWS** and **DevOps** for project hosting on Virtual machines. Proficient in version control tools such as **TortoiseSVN** and **Git Bash**.
- Acted as **Scrum Master**, responsible for sprint story assignment, issue tracking, sprint planning using JIRA. Collaborated closely with onsite architect and director, following **Agile Methodology** for project discussions and upgrades.
- Developed and trained an **Amazon Lex chatbot** using natural language processing (**NLP**) and natural language understanding (**NLU**) to handle user queries and automate conversational workflows for improved user experience.
- Created and configured continuous delivery pipelines for deploying **Microservices** and **lambda functions** on **CI/CD Jenkins** server.
- Collaborated with UX designers and Business analysts using Confluence to develop a new Web Content Management system. Ensured a clean, logical interface for a simple, intuitive, and interactive user experience.
- Developed **unit-testing** code using Jasmine-core and performed testing via **Karma** in **Angular 4** to identify and resolve software defects proactively before handing off to the testing team.

ACADEMIC PROJECTS

Performing Map reduction on Tweeter dataset (MongoDB, ExpressJS, ReactJS, NodeJS)

Fall 2019

- Developed **MERN** stack to minimize size of twitter dataset substantially by performing MapReduce technique
- Time taken to query datasets is bough down exponentially by dividing job among multiple nodes and by cutting down process time

Dimensionality Reduction (Python)

Fall 2019

- Determined distributions for norms of two datasets and recorded their distribution pattern
- Executed ICA on those datasets and reported comparison studies between PCA, ICA and DCT on feature extraction

Trouble Shooting Search (JAVA/J2EE, Visitors Pattern)

Summer 2019

- Built **JAVA/J2EE** project to provide a search engine for online trouble shooting from preexisting queries as users enter keywords
- **Visitors pattern** was used to query and return exact match, one-word match and semantic match with reference to synonyms

EDUCATION

Campbellsville University

Present

Master of Information Technology Management

Binghamton University, SUNY | Thomas J. Watson College of Engineering and Applied Science

December 2020

Master of Science in Computer Science

Sathyabama University

April 2016

Bachelor of Engineering in Electrical and Electronics Engineering