

# Matthew Atiyat

## Software Engineer

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## Professional Summary

Software Architect and Full Stack Developer with **7+ years** of experience in **backend architecture, API design, and database management**. Proficient in **microservices and monolithic architectures**, with expertise in **Java/Kotlin, Typescript, and PostgreSQL**. Strong background in **designing and building** extensible **front-end components** and **backend services**. Currently studying **microservices architecture and AWS Cloud Practitioner certification** to deepen cloud-native expertise. Adept at working with stakeholders to deliver scalable, business-driven solutions.

## Professional Experience

### Full Stack Software Developer @ SSI Schaefer Systems, Charlotte, NC | SEP 2020 – OCT 2024

Reference: Teguh Santoso (GER) - 0049 17627204630 | teguh.santoso@gmx.de

- Translated complex business requirements into technical specifications, making them actionable for developers while maintaining clarity for stakeholders.
- Designed scalable **REST APIs** for asset management allowing customers to track assets historically and in real time.
- Developed and optimized **PostgreSQL (AWS) databases**, implementing **schemas and indexing strategies** for improved performance.
- Developed frontend components** using **React** and **Next.js**, leveraging **state management, props, and hooks** for dynamic UI updates.
- Built Android application features** with **Kotlin**, designing and implementing new **UI components** based on mockups I made using Figma and implementing **RxJava** for better state management
- Mentored junior developers**, ensuring best practices in API development and cloud-native design.

### Software Developer @ Codecraft Works LLC, Melbourne, FL | NOV 2018 – OCT 2020

Reference: Gilberto Creque (FL) - 321 591 2197 | gil@codecraftworks.com

- Executed on designing and building greenfield products, learning new technologies to build a live webeditor and classroom application to take the business from local to national reach.**
- Oversaw cloud infrastructure and deployments** using **Google Cloud Platform (GCP), Atlassian CI/CD, and Docker**
- Integrated Stripe payment functionality**, implementing **webhooks** and backend logic in **Express.js/Node.js** to handle payments and account access.
- Utilized NgRx for state management** in handling purchases and live class sessions.
- Integrated Klaviyo webhooks for account management and marketing metrics**, using **Express.js**.
- Led end-to-end feature development, translating C-level business requirements** into wireframes, designs, technical tickets, and developer implementation for seamless CI/CD deployment.
- Used Figma for sprint planning**, creating diagrams for **feature development, component structures, and user flows**
- Built out testing suite** utilizing **Jest** to ensure code coverage and maintainability of our codebase through development
- Taught Unity game development**, introducing kids to **Unity, C#, and video game development fundamentals**.
- Taught software fundamentals to students aged 8 and above, fostering early programming skill

### Systems Analyst @ Embraer Executive Jets (Contracted by STS Aerospace), Melbourne, FL | JUN 2016 – JUN 2018

Reference: Raj Rajvaidya (DC) - 650 283 3224 | arajvaidya@gmail.com

- Developed full-stack applications** for the **global sales team** using **Ionic** and **Angular**, streamlining workflows and improving efficiency.
- Collaborated with cross-functional teams** to bridge engineering and business needs, ensuring clear communication of technical materials.
- Prototyped UI/UX designs** using **Sketch**, refining application usability through iterative feedback.

### Contributor @ Getflint.dev | Sept 2024- Present

- Low/no-code application builder to enable developers to ship Flutter code 20x faster

### Freelancing @ mattiyat.dev | 2019 - Present

- Creating websites and solutions for small - medium business'
- Analyzing various business requirements and translating into technical solutions

- Implementing and maintaining said technical solutions
  - Creating automations utilizing various AI tools and frameworks
    - N8n, custom MCP, Local LLM, Smol agent, Hugging face
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## Education

**Florida Institute of Technology**, Melbourne, FL  
**Bachelor of Science in Information Systems**

## Skills

**Programming Languages:** Java, JavaScript, Typescript, Kotlin | **Frameworks & Libraries:** Spring Boot, React, Angular, Node.js, Express.js, Astro, .Net Core | **Mobile Development:** Android, Ionic | **Databases:** SQL, NoSQL, Document, Firebase Cloud Firestore, Postgres | **Cloud Platforms:** AWS, Google Cloud Platform | **Tools & Technologies:** GitLab CI/CD, Jira, Confluence, Figma, Git