Frank Grullon

Software Engineer
2350 E Letterly St
Philadelphia, PA 19125
(608) 335-9404
frank.a.grullon@gmail.com

Skills

HTML, CSS, JavaScript, React, Vue, TypeScript, Tailwind, Material UI, Node.js, Express, PostgreSQL, AWS, Docker, Kubernetes, Next.js, React Toolkit, Redux, Pinia, Vuex, D3.js, Figma, JIRA, MS Office, Project Management, Leadership, OpenAPI

Experience

Proscia Inc, Philadelphia, PA - *Senior Full Stack Software Engineer | Team Lead*
February 2022 – Present

- Led a team of 5 engineers developing web-based diagnostic software for digital pathology Image Management System (IMS), enabling pathologists & lab technicians to view scanned Whole Slide Images (WSIs) from pathology lab scanners using Vue.js, Express, PostgreSQL, OpenAPI, and Node.js tech stack.
- Key contributor in obtaining 510(k) FDA clearance for Concentriq© AP-Dx diagnostic software by creating specifications, leading verification & validation tests, performing risk management, cybersecurity analysis, and generating SBOMs (Software Bill of Materials) to ensure compliance with regulatory standards for safe & effective patient care and healthcare professional use
- Managed project scoping, planning, execution, and delegating tasks for project delivery
- Collaborated on microservice integration and developed secure software handling of pathology data including protected health information (PHI).

RYLTY, New York, NY/Remote - *Freelance Full Stack Software Engineer*
March 2023 – March 2024

- Developed a comprehensive music royalty analysis software, building from mockups to fully functional tools using React, Next.js, React Toolkit, Material UI, and AWS Lambda tech stack.
- Implemented PDF royalty statement processing using AWS Lambda algorithms, enabling financial analysis of large music catalogs.
- Ensured responsive and accessible design, working closely with design teams to create seamless UI/UX experiences across devices.

Better Collective, Nashville, TN - *Front End Web Developer*
June 2020 - February 2022

- Developed responsive web applications for platforms such as rotogrinders.com, scoresandodds.com, and sharpside.com using HTML, CSS, JavaScript, React, and Redux.
- Implemented critical features such as live scoring, odds, and user login for scoresandodds.com and redesigned major sports pages and mobile app incentives for sharpside.com.
- Led improvements in UX/UI, optimized code, and reduced technical debt for LineupHQ, a top fantasy lineup builder.
- Collaborated with cross-functional teams using Agile methodology, resulting in a 20% increase in user subscriptions.

William Leggio Architect, New York, NY - *Project Manager*
May 2008 - January 2016

- Managed all phases of project development including schematic design, construction document production, and construction administration for projects ranging in cost from $400,000 - $30 million
- Proficient in strong communication skills with clients, building managers, and contractors to meet project goals for over 15 projects per year
- Educated 4-7 key personnel per project in design production methods to achieve expectations and meet quality control standards.

Education

Florida Atlantic University, Boca Raton, FL - *B. Architecture, Cum Laude*
August 1999 - May 2005