Zachary Tippit

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Portfolio: https://www.zachtippit.com LinkedIn: https://www.linkedin.com/in/zachtippit/

Mechanical Engineer Turned Software Developer

Experienced Mechanical Engineer with 5+ years' experience tangential to development work. Praised by peers for learning new technical skills, specifically within software development. Currently mentoring/guiding 4 recent bootcamp grads. As a person who believes in Excellence and being a major contributor to the team, I constantly pursue mastery of full-stack software engineering and data management. I thrive in team-based environment and helping the team solve challenges both internally and with clients.

Technical JavaScript | REST APIs | React | Node.js | Python | ES8 | HTML | CSS | Jest | Express | Git | MongoDB | PostgreSQL

Education

The Complete Web Developer + Multiple Courses | Zero to Mastery Academy | Denver, CO

2020

200+ hours of coursework completed in React, Node.js, JavaScript, Python, MongoDB and others

B.S. in Mechanical Engineering | Florida State University | Tallahassee, FL

2016

- Graduated in Top 10 in Class from University's Honors College
- Won "Most Innovative in Design" for College of Engineering Senior Design competition

Relevant Development Roles

Software Engineer 2020-2022

Consultant

- Managing a team of 4 junior developers for E-State Mate Services to create a real estate tech demo
- Build custom data dashboards in Tableau and Data Studio to quickly represent critical business insights
- Develop multiple React-based sites for Denver-based creatives & small businesses

Relevant Mechanical Engineering/Technical Consulting Roles

Solutions Consultant 2017-2018

OniGroup

- End-to-end sales, account management and IT admin of Google Enterprise product line (GA360, GMP, GCP, G-Suite)
- Oversaw change management of Google-centric IT restructuring across top ASX-listed firms throughout ANZ & ASEAN
- Trained, led and grew team of consultants while maintaining a 20% increase in portfolio Y/Y

Programming & Machine Shop Instructor, Technician

2014-2016

FAMU-FSU College of Engineering

- Instructed 80+ student classes in C++, MathCAD, MATLAB, and PTC Creo Parametric
- Custom research project fabrication (CNC, mill, lathe, metalworking) for college of engineering students and faculty

Superconductor Research Engineer

2014-2016

Energy 2 Power Company

- Design/ fabricate HTS (high temp superconductor) testing equipment with additive manufacturing & custom machining
- Write/edit research grant proposals for NASA/Dep. of Energy/Dep. of Defense

Software Engineering Portfolio

Picodia | React, MUI, Sheets API, Jest, react-cookie | https://www.picodia.app

Wordle-like math puzzle game based on Hanjie puzzles. There is a new one every day, check it out!

Portfolio Projects | React, Material UI, Contentful | https://www.zachtippit.com/projects

Hosts both a collection of written content as well as a number of software engineering related projects.