

# Thomas McNutt Resume

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## Technical Knowledge

- **Front End** - React -- Javascript -- MaterialUI -- CSS -- HTML -- WebpackGoogle PageSpeed -- JQuery
  - **Back End** - Node.js -- Express -- MySQL -- MongoDB -- Mongoose -- CRUD -- PostgreSQL
  - **Tools/Testing** - Git -- Docker -- EC2 -- S3 -- Cloudfront -- CircleCI -- Trello -- Agile -- VSCode -- MERN -- Nginx -- New Relic -- K6 -- Loader.io -- Jest -- Enzyme -- Agile -- Unit testing
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## Applications

**Slack Reactor** | Software Engineer | *Redesigned travel destination web page* |

<https://github.com/Slack-Reactor/deployed-fec-proxy-thomas>

**Tech** | Javascript -- React -- Material UI -- Node.js -- Express -- MongoDB -- Mongoose -- Docker -- AWS (EC2 & S3) -- Jest -- Enzyme

- Utilized React with MaterialUI to dynamically display searched location information in a mobile-friendly, highly stylized front end component with dozens of active elements
- Built a Node Based back-end with Express and MongoDB to quickly handle full CRUD requests with an emphasis on MVC architecture that made code navigation for my team easy during deployment
- Test Automation with 90% coverage using Supertest, Jest, Enzyme, and Circle CI to ensure a working product
- Deployed service and proxy of the team's services via S3, Docker, Github, and AWS's EC2 instances to serve our content globally

**Billions PostgreSQL** | Software Engineer | Upgraded Database of "Related Products" application to handle massive user request spikes || <https://github.com/Billions-PG/Thomas-Service>

**Tech** | Javascript -- React -- React Router -- Node.js -- PostgreSQL -- AWS (Ec2) -- NewRelic -- Loader.io -- K6 -- Nginx

- Upgraded the DB on legacy code meant to handle hundreds of records to generate and seed 10 million records for stress testing purposes
- Pushed the limits of PostgreSQL with K6 and NewRelic to boost search times from 17 seconds to <20ms
- Accelerated the deployed app with Nginx and multiple copied services, boosting RPS handled from 300 to 1100

**Bomb Pot Poker** | Software Engineer | Poker Bomb Pot App | <https://github.com/pachown/MVP-Poker-App>

**Tech** | Javascript -- React -- Node.js -- Express -- MongoDB -- Docker -- AWS -- CSS

- Designed and constructed a multiplayer Poker application with React and Node with MongoDB in four days
  - Rebuilt poker deck handler API to create, shuffle and deal from a deck with unique images
  - Logic handled entirely server-side to eliminate the possibility of cheating
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## Professional Experience

**Teller Manager** | First National Bank

01/15 - 01/20

- Managed a team of 5 to timely accomplish 100% of yearly goals and provide exceptional customer service
  - Developed training documents to bring new employees up to speed quicker, reducing turnover significantly by benefiting the onboarding employee experience
  - Mentored and enabled staff to learn dozens of programs on short timeframes
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## Education

**Hack Reactor** | Advanced Software Engineering Immersive Full Stack Development & Computer Engineering  
**MSU Denver & UNC** | Major College Business major, English minor.

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## Personal

I am a results driven developer who always wants to put out the best possible product. I speak my mind when I think a product can be improved and I listen when someone else does the same about a project I'm working on.. This makes me well suited to working on teams that are open to feedback and willing to realign when the situation calls for it.