

# Charles Peterson

Front-End Engineer

## Contact

### Address

New York, New York, 10030

### Phone

1+ 347 850-7957

### E-mail

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## Skills

TypeScript, JavaScript



Very Good

React



Very Good

Node.js Express REST API



Good

State Management Design,  
REDUX, Hooks



Very Good

Next.js



Good

Testing and Debugging



Very Good

Firebase, Firebase Hooks



Good

*What drives me? Creative problem solving and developing progressive innovative apps. I have a strong ability to empathize with clients' needs and recommending best technical solutions for their unique situations.*

**Education:** Michigan State University 1996-2000  
B.S. Computer Science

## Work History:

2019-01 -  
2021-01

### React Developer

Niti institute

- Wrote high-quality, well-documented, and maintainable code with React reusable components, custom hooks, and TDD/Unit testing with Jest.
- Used Redux and hooks to maintain state, Typescript for self-documenting, Styled-components, and Material-UI for building out modular/component-based visuals in tandem with HTTP APIs; Context, and custom hooks to keep a consistent theme across apps.
- Led version control efforts for Niti, employing GitHub and other public and open source repositories.

2017-06 -  
2019-01

### Full Stack Developer

KM Bilal, (Russian Startup) Chang Mai

- Involved in writing application-level code, and used POSTMAN to test APIs and Jest for writing unit tests.
- Node.js and Express were used for the backend, and MongoDB was used to create collections and store users' data.
- Worked extensively with developing single-page applications (SPAs) and responsive design using React-Router, Media-queries, CSS-Grid, Flex-Box.

2014-06 -  
2015-01

### Web Developer

Part 2 Productions, Osaka, Japan

- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding.
- Collaborated with CTOs, representing web teams to establish project goals, projections and milestones.