

# Nabaraj Tiwari

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Full-Stack engineer with extensive experience in both front-end and back-end development, skilled in Node.js, RabbitMQ and Kafka for building scalable and high-performance systems.

## Skills

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**Languages:** JavaScript/TypeScript, Python, HTML5/CSS3, SCSS

**Databases:** SQL, PostgreSQL, MongoDB, KeyDB

**Frameworks/Libraries:** React, Redux, Express, Mocha

**Tools:** Git, Docker, Jest, Postman, Jira

## Experience

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**Sr. Full-Stack Engineer**, Samsung Electronics America – Vancouver, CA (Remote) August 2018 – Present

- Developed maintainable and scalable backend services using Node.js and Typescript to support high-traffic applications.
- Implemented RESTful APIs and GraphQL endpoints while ensuring high availability and performance.
- Integrated RabbitMQ message brokers and clusters as a messaging solution across Samsung's microservices.
- Integrated Kafka-based publish-service architecture, improving real-time data flow between systems.
- Developed microservices and backend components that leverages RabbitMQ and Kafka for high-throughput data handling.

**Sr. Front end Engineer**, Samsung Electronics America – Mountain View, CA

- Developed and maintained e-commerce websites for Samsung's products (smartphones, televisions, watches etc.) under samsung.com using React, Redux and SASS.
- Created middleware to publish logs and events to Elastic Search, optimizing monitoring and debugging through multiple dashboards.
- Automated build and deployment systems using Jenkins, Rancher and Amazon S3 streamlining release cycles.
- Helped e-commerce business increase their revenue as much as 50% y/y by focusing on user engagement.

**Front end developer**, PayPal – San Jose, CA January 2016 – June 2018

- Created 100s of marketing web pages under PayPal.com using React.js and Vue.js, delivering optimized user experiences across a variety of devices and screen sizes.
- Integrated third-party APIs and services to extend marketing page functionality.
- Developed and integrated usable D3.js components to represent complex datasets and enhance user engagement.

**Front end Developer**, Experian – Costa Mesa, CA February 2015 – December 2015

- Developed and maintained Experian's homepage while optimizing for page load speed and performance.
- Collaborated with UX/UI designers to build visually appealing and user-friendly interfaces.

**Web Developer**, Barclays – Plano, TX June 2014 – February 2015

- Contributed to the development of a credit card portal using Backbone and Marionette.
- Contributed to the full project lifecycle from gathering requirements to development, testing, deployment, and maintenance.

## Education

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Bsc. in Computer Science

July 2020