

# Sintu Boro

Madison, WI | [LinkedIn](#) | [Email](#) | [Portfolio](#) | [Github](#) | [Medium](#) | 862-381-6332

## EDUCATION

### New Jersey Institute of Technology

MS in Computer Science

Newark, New Jersey

Sep 2021 - Dec 2022

Experienced and dedicated developer eager to make a positive impact. At Wave Systems, I redesigned the customer-facing web application to increase user satisfaction by 15% and helped the development teams hit their quarterly KPIs. Ability to work effectively in a fast-paced and challenging environment and collaborate with cross-functional teams.

## WORK EXPERIENCE

### Wave Drowning Detection Systems

UI/UX Developer

Westport, Connecticut

May 2022 – Current

- Designed intuitive and visually appealing user interfaces that improve user engagement and worked with modern front-end technologies like React, Styled components, Material UI to improve user experience and satisfaction, resulting in a 15% increase in user satisfaction.
- Developed high-quality and performant web applications using best practices in coding and testing.
- Worked seamlessly in an Agile environment; collaborated with senior developers to represent information architectures, workflows, UI concepts and collaborated effectively with cross-functional teams to ensure project success.
- Additionally, collaborated effectively with the development teams and senior engineers to achieve quarterly KPIs.

### Slotly

Software Developer

Bangalore, India

Jan 2021 – August 2021

- Built type-safe components using Next.js and Typescript for customer-facing web applications; improved the time on page for the average user by 2 minutes. Tested, coded, reviewed, delivered software with 100% on-time record and according to service level objectives. Overhauled CI/CD pipeline which increased code delivery speed by 5%.
- Coordinated with the backend team to design and develop an end-to-end modern scheduling platform using React; successfully migrated to Next.js for enabling server-side rendering and improving core web vitals like FID and LCP.
- Utilized the Nest.js framework to implement REST APIs; reduced the time to ship new features greatly by 6%.
- Developed services on the local AWS environment using Localstack. Implemented APIs for a real-time, end-to-end chat system using WebSocket API. Contributed to 60% UI revamp of the front-end chat component for improved UX.

### BlackX

Frontend Developer

Bangalore, India

Feb 2020 – Jan 2021

- Mentored other developers; collaborated effectively to produce visual elements by translating wireframes into code.
- Built UI reusable components for BlackX marketplace using React. Expanded dashboard features, improved component load time to 10% faster, improving user engagement ensuring high quality work on time and budget.
- Integrated with the internal Django REST API. Handled user authentication workflow with JWT. Optimized components for performant data synchronization and debugged component-level code using 25+ test cases. Additionally, identified technical software design and performance needs by analyzing 5+ user requirements and performance specifications.

## PROJECTS

### Care-coordination and Case Management

Health management application

- Articulated far vision and short vision of the product; identified stakeholders; constructed detailed user persona for the stakeholders; constructed an initial product backlog expressed as excellent user stories, stored in Pivotal Tracker; estimated PBI's; documented Definition of Ready for the PBI's and performed a team relative size estimating activity.
- Lead API lifecycle development; code quality; responsible for API Design using Postman Builder and developed API services in an Agile environment. Implemented REST API using Nest.js, Typescript, Prisma, and PlanetScale (MySQL).
- Developed engaging UX/UI through code, image optimizations, cross-browser compatibility, increasing time on page by +60 seconds; resolved performance issues; responsible for building SPA using Next.js, Typescript, and Tailwind CSS.

### Developers Connect

Developer media platform

- Analyzed 12+ user requirements to derive technical software design and performance requirements. Utilized React JS for client-side view rendering; redux for complex application state-management; while achieving MVC design flow.
- Server components were built on Node/Express; developed isolated modular services for SOC; authentication over JWT. Additionally, utilized bcrypt.js in a Node environment. Executed 10+ test cases for software components robustness.
- Leveraged MongoDB for storing data; worked with Atlas Manager; Mongoose ODM for modeling application data and connections to the database. Evaluated indexing strategies to support queries. Also, utilized key indexes for performance.

## SKILLS & INTERESTS

**Skills:** Javascript | Typescript | Java | Python | Ruby | HTML5 | CSS3 | Node | Express | NPM | Yarn | CircleCI | CI/CD | SQL | NoSQL | ORM | GraphQL | REST | API Design | React.js | Next.js | Redis | Webpack | ESLint | Husky | Babel | S3 | EC2 | EMR | Rekognition | SQS | AWS | Figma | AdobeXD | InVision | SEO | Jest | Supertest | Unit/Integration/E2E testing | Git |

**Interests:** Writing technical blogs on web technologies (frameworks, features, version updates), designing and prototyping high-performance web applications, SEO optimizations. open-source contributions, and listening to PodRocket podcasts.