

# PRAMODH P UGARGOL

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A creative technologist and a passionate Full-Stack Web developer with experience in developing end-to-end web applications. Interested in working with a diverse and dynamic team where I can apply my skills and enhance my knowledge at the same time.

## SKILLS

**Languages:** JavaScript, Python, C++

**Frontend:** ReactJS, NextJS, HTML5, CSS, TailwindCSS, **Material UI**, UI/UX Concepts, Responsive Design, Figma

**Backend:** NodeJS, ExpressJS, Asynchronous Programming, **RESTful API Design**, StripeJS, FirebaseDB, Flask, GoogleSheets

**Deployment & Hosting:** Vercel, Heroku, Firebase Hosting, Gitlab CI/CD workflows

**Other:** Git, Visual Studio Code, **Clean Code**, Agile (Scrum), and V Model Development

## WORK EXPERIENCE

### 1) Software Engineer | Full-Stack Web Development

August 2021 - Present

Alltramic, New York, USA (remote)

- Developed **ReactJS** and **NextJS** reusable frontend components per design specs, fostering dynamic and user-centric website creation.
- Created efficient **Node.js** servers with **ExpressJS**, managing frontend requests, and optimizing data retrieval for improved performance.
- Developed a comprehensive suite of **RESTful API** endpoints to facilitate seamless data transmission between system components.
- Improved performance through cost-efficient **Firebase** NoSQL structure, minimizing reads for enhanced efficiency.
- Integrated secure payment processing, facilitating seamless subscription payments post job completion using **StripeJS**.
- Implemented a blog creation tool with an efficient database structure to showcase blogs, boosting **SEO** and engagement.
- Handled seamless production deployments with GitLab **CI/CD** workflows for frontend and backend, ensuring reliable releases.
- Executed successful SEO strategies, boosting website ranking from 0 to 36 DA, and enhancing visibility and online presence.
- Significantly contributed to business expansion, with the crafted website attracting and retaining over **50+** customers.

### 2) Software Intern | AI & Navigation

March 2021 - August 2021

Alltramic, New York, USA (remote)

- Engineered an algorithm to determine the shortest route for the autonomous ground vehicle.
- Innovated a parallel path feature for precise lawn mowing by the autonomous ground vehicle.
- Designed and executed functions for autonomous ground vehicle's sensor data retrieval.
- Established a simulated environment in Unity software using Visual Studio and C#.

## PROJECTS

### 1) [Lawnber](#) | ReactJS, NodeJS, Firebase, Material UI, CSS, StripeJS

Full-stack lawn care website serving as an intermediary platform connecting homeowners with lawn professionals.

- Created address APIs to generate quotes and seamlessly display them in the frontend interface.
- Developed a seamless signup process featuring multiple subscription plans.
- Integrated payment gateway to facilitate the addition, and deletion of credit cards, and processing of payments.

### 2) [NYU Student Rental](#) | NextJS, NodeJS, Firebase, TailwindCSS

Platform designed specifically for students to conveniently browse rental listings.

- Designed and implemented a fully responsive website, ensuring compatibility across all devices.
- Developed a listings page showcasing available rentals and a submission page for student inquiries.

### 3) [Word-Wiz](#) | ReactJS, CSS, Vercel

A versatile text-to-speech tool (Hobby Project)

- Converts text to speech.
- Manipulate cases. (convert to uppercase or lowercase)
- View word count and estimate reading time.

## CERTIFICATIONS

- Introduction to Front-End Development (Meta) | [Certificate](#)
- Programming with JavaScript (Meta) | [Certificate](#)
- Version Control (Meta) | [Certificate](#)

March 2024

March 2024

March 2024

## EDUCATION

**Visvesvaraya Technological University**

Bachelor of Engineering in Electronics and Communication

August 2017-July 2021

GPA: 8.17/10