




# Sushant Shekhar

## Software Engineer

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 Portfolio

## Profile

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Hi, I'm **Sushant Shekhar**, a dedicated **Full-Stack Developer** with over **three years of experience** building and scaling web applications using **React**, **Node.js**, and modern web technologies. My core strength lies in converting complex ideas into clean, efficient, and maintainable solutions that deliver real value to users and businesses alike. I've been part of **two startup teams**, where I gained hands-on experience working across the entire development lifecycle—from planning and architecture to deployment and optimization. Currently, I'm working on high-impact digital initiatives for the **Government of India**, contributing to solutions that prioritize performance, security, and long-term sustainability.

## Professional Experience

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### Vocman India Private Limited

2025 Jan – present | Delhi, India

*UI Developer*

**Project Title :** OpenForge

**Description:**

- OpenForge is a government platform that supports the entire software development lifecycle, offering Git and issue tracking tools to promote collaborative and transparent development across various government initiatives.

**Technology:** React.js, Node.js, SQL, PHP, Tuleap

**Your Role:**

- Developed and maintained the frontend of the application using React, ensuring a responsive and intuitive user experience.
- Translated design mockups and wireframes into high-quality, reusable React components.
- Supported the backend development using Python, contributing to API development and integration.
- Collaborated with the design, QA, and backend teams to ensure seamless feature delivery and alignment with project goals.
- Participated in code reviews, performed debugging, and ensured adherence to best coding practices.

### EnviStride

2024 Aug – 2024 Oct | Ranchi, India

*Software Developer*

**Project Title:** ESG Carbon Emissions Calculator

**Description :** I am independently developing a comprehensive ESG (Environmental, Social, and Governance) software platform designed to calculate and track corporate carbon emissions. The solution focuses on Scope 1 (direct emissions from owned or controlled sources) and Scope 2 (indirect emissions from electricity consumption). It enables organizations to accurately measure, monitor, and manage their environmental impact, while supporting compliance with key sustainability standards and reporting frameworks.

**Technology:** React.js, Node.js, SQL

**Your Role:**

- Designing and implementing scalable and efficient back-end APIs using Node.js.
- Developing an intuitive and user-friendly front-end interface using React and Material-UI.
- Integrating PostgreSQL for robust database management and efficient storage of emissions data.
- Implementing precise calculations for carbon emissions based on industry standards and best practices.

### JMAN Group

2021 Dec – 2024 Jan | Chennai, India

*Software Engineer*

**Project Title:** upReach SMN

**Description:**

- A web app that facilitated user interaction and collaboration.

**Technology:** React.js, Node.js, Firebase, Algolia, TypeScript, GCP

#### Your Role:

- Collaborated closely with the client to gather requirements, iterate on design concepts, and deliver a user-centric solution.
- Utilized Firebase for backend database management, ensuring data integrity and optimal performance.
- Spearheaded the development of an intuitive admin page leveraging Algolia to deliver robust data interaction capabilities to administrators.

**Project Title:** ACCEL-KKR

#### Description:

- Successfully executed web scraping projects tailored to client specifications and requirements, ensuring the extraction of relevant and actionable data from target websites.

**Technology:** Python, Alteryx

#### Your Role:

- Utilized Python to extract data from diverse websites, tailoring scraping scripts to meet client-specific requirements and objectives.
- Leveraged popular web scraping libraries and frameworks such as BeautifulSoup and Scrapy for data extraction processes and gathered relevant information from target websites.
- Integrated scraped data into Alteryx workflows, leveraging Alteryx's powerful data transformation and analytics tools to perform advanced data processing, enrichment, and analysis.

**Project Title:** JIN

#### Description:

- Developed a comprehensive timesheet management application enabling employees to efficiently manage various HR-related tasks, including leave applications, timesheet submissions, and performance appraisals.

**Technology:** React.js, Node.js, SQL

#### Your Role:

- Led the development of a weekly status report module, providing a structured framework for reporting and tracking project progress.
- Designed and implemented a comprehensive Work-from-Home (WFH) module, streamlining internal processes and enhancing team collaboration.
- Played a key role in troubleshooting and resolving technical issues, providing timely support to ensure uninterrupted application functionality.

## Education

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**Bachelor of Technology (Electrical Engineering)**

2016 – 2020 | Asansol, India

ASANSOL ENGINEERING COLLEGE

**Senior Secondary**

2014 – 2016 | Gaya, India

GAYA COLLEGE

## Skills

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Full Stack Development | JavaScript | TypeScript | React.js | RESTful API | Node.js | Express.js | Nest.js | PostgreSQL | Firebase | MongoDB | Algolia | Google Cloud Platform (GCP) | Python | Alteryx | Git | HTML | CSS | MUI

## Languages

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English



Hindi

