

# Bhanu Prasad Ch

Software engineer

Bangalore, India.

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<https://github.com/bhanuprasad1999>

## Skills

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**Programming Languages:** Python, Typescript, SQL, HTML, CSS

**Frameworks & Libraries:** Django REST Framework, Frappe framework, Angular, Bootstrap

**Version Control:** Git, GitHub/Github actions

**Cloud Platforms:** AWS (Lambda, SES, S3, EC2, Route 53, IAM, cloud watch)

**Tools & Technologies:** Linux, Postman, Bash, Web Development, Nginx/Apache server, Docker.

## Professional Experience

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### ProQsmart

Technical Lead

August 2022-October 2024

Bengaluru, India

- Implemented communication between the web application and mail service using AWS SES and Lambda, enhancing email delivery and automation.
- Integrated cloud watch for lambda server to track the failure in updating the server and SES which tracks the mail deliveries success rates
- Integrated and managed S3 for file storage and backup, ensuring reliable data storage.
- Implemented the docker for the development setup.
- Integrated frappe helpdesk, enabling the support team to manage and resolve most customer issues, improving response time by 20%.
- Wrote and maintained test cases using the Pytest framework, enhancing application stability and functionality.

Software Engineer

- Contributed to the development of a procurement management application, using Python Django framework, angular JS.
- Worked on key features including eTendering, bulk data import, vendor management, order, and workflows.
- Utilized pandas for bulk data import via background processes, handling large datasets with validations (10000+ rows).
- Implemented Firebase for authentication, push notifications, and live updates on the web application.
- Led a team of 3-4 members in implementing 3 features and bug fixes, while participating in multiple code reviews, improving code quality, and reducing bugs by 30% in production.

### Solar Industries of India Limited,

Backend Developer

Nagpur, Maharashtra

December 2021 - June 2022

- Developed the transportation module in SCM using the Django REST framework.
- Used Python's CSV package to efficiently import CSV data into PostgreSQL.
- Reduced API response time by 83%, improving performance and user experience.

## Education

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### Bapuji Institute of Engineering and Technology

Information Science and Engineering.

August 2018 - August 2022