

# PURUSHOTHAMAN G

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Tamil Nadu, India

[Portfolio](#)

[LinkedIn](#)

[Github](#)

## SKILLS

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Programming: Java, TypeScript, JavaScript, HTML, CSS

Tech Stack: React, Node.js, Spring Boot, MongoDB, MySQL, JUnit

Core Skills: Data Structures & Algorithms, Object Oriented Programming, REST API

## EXPERIENCE

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### Macdasy (Startup) – Full Stack Developer

Sep, 2023 – Mar, 2025

- Spearheaded the design and development of full-stack web applications using React, Node.js, MongoDB, and Python, delivering production-ready solutions in the property management and financial automation space.
- Led backend architecture design, API development, authentication logic, and third-party integration, ensuring security, modularity, and scalability.
- Collaborated with early users to refine UI/UX and align product features with market needs.

### VIRTUSA - Java Full Stack Intern

Jan, 2023 – Apr, 2023

- Gained hands-on training with Java, Spring Boot, Git, and JUnit in real-world scenarios.
- Collaborated on version control workflows using Git, following industry-standard branching and commit practices.
- Built and tested modular backend components with Spring Boot, reinforcing clean code principles.

## PROJECTS

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### Macify - Property Management Application

Mern Stack

- Developed a comprehensive property management system for hotels, villas, and hostels, streamlining booking operations and reducing administrative overhead.
- Built an interactive calendar interface to visualize real-time room availability, simplify booking inspections, and improve scheduling efficiency.
- Implemented a Manager Portal, supporting multi-level property oversight by allowing admins to assign managers to specific properties with tailored access and control.

### Stellar House - Home Decor Mentoring App

Mern Stack

- Developed a home decor mentoring platform with a credit-based booking system, enabling smooth video consultations via Agora API.
- Implemented a real-time slot booking system to eliminate scheduling conflicts and enhance booking accuracy.
- Integrated Socket for live session status updates, enabling dynamic control over whether users can join ongoing sessions or are marked as completed based on real-time meeting status.
- Engineered reliable logic for credit tracking, mentor availability, and session lifecycle management.

### Macrotouch - Bank Statement Clarifier

Mern Stack

- Developed a credit-based financial automation web app using MERN stack and Python, enabling users to upload and simplify complex bank statements with ease.
- Engineered a custom Python PDF parser to accurately extract and classify transactions such as EMIs, bank charges, taxes, and UPI transfers.
- Focused on data integrity, error handling, and user-friendly UX to deliver reliable insights from varied bank statement formats.
- Designed and implemented the complete end-to-end workflow – from PDF upload and credit validation to report generation – ensuring both precision and seamless user experience.

## EDUCATION

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### B.E. - Electronics and Instrumentation

July, 2019 - Apr, 2023

Bannari Amman Institute of Technology, Sathyamangalam

CGPA: 7.4/10