

GOWTHAM RAVI

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Education

PSG Institute Of Technology and Applied Research

Bachelor of Engineering in Civil Engineering

Nov 2021 – May 2025

Neelambur, Tamilnadu

PSG Institute Of Technology and Applied Research

Minor Degree in Full stack development

Apr 2023 – May 2025

Neelambur, Tamilnadu

Experience

Bluekode Solutions [LINK]

Full stack developer Intern

Jun 2023 – Aug 2023

Onsite-Coimbatore

- Reduced the manual effort of the **sales team by 60%** through the **creation of a pipeline** connecting the contact form with the admin dashboard
- Developed **end-to-end static website** for their startup(Bluekode academy) to showcase their courses
- Developed the admin dashboard for data visualization E2E from **scratch within 2 days** To perform **crud operation**
- Tech stack : LAMP(PHP, Bootstrap, MySQL, AJAX, JQuery, SCSS, Javascript, HTML, CSS, CI/CD, reCAPTCHA)

Hera constructions [LINK]

Freelancer

Aug 2023 – present

Coimbatore

- Improved **business inquiries by 40%** through the development of a **well-optimized SEO** website with a loading speed of less than 5 seconds.
- Developed an **end-to-end static website** for the construction company to showcase their projects
- Performed comprehensive SEO analysis leveraging SEMscoop, Keywors.io, Ahref, and Google Search Console to drive targeted traffic and enhance website visibility
- Tech stack : LAMP(PHP, Bootstrap, JQuery, Javascript, HTML, CSS, CI/CD, SEO)

Projects

Structural Master | [Link] | *PHP, Javascript, Ajax, D3.js, MySQL, Bootstrap, HTML, CSS*

Nov 2023 - present

- Developed a suite of tools to streamline structural analysis, **reducing engineers' and students' effort by 50%** and improving result **accuracy by 80%**
- All operations and requests are seamlessly executed on the server without necessitating page reloads through the implementation of Ajax
- The charts were **dynamically generated using D3.js** during the **runtime** of the application

Alumini Connect | *Ejs, Nodejs, Mongoddb*

Jan 2024 - present

- Developed an application that served as a bridge between students and alumni, resulting in a **70% enhancement** in student-alumni networking
- **Led the Team of 12 members** to develop the application to the Software development cell - PSGitech
- Developed the chat feature to seamlessly communicate with their network using web sockets(sockets.io)

Technical Skills

Languages: C, C++, PHP, JavaScript

Developer Tools: VS Code, Google search console, Ahrefs

Technologies/Frameworks: Linux, Git/Github, Docker, Node.js, Ejs, D3.js

Links

- Portfolio
- Certificates
- Leetcode
- Github
- LinkedIn

Leadership / Achievements

- Senior developer - Software development cell PSGiTECH
- TEAM LEAD - Top 5 finalist in Smart India hackathon-2023
- TEAM LEAD - Finalist in ideathon 6th-INEA-SERB-GITAM YOUTH CONCLAVE -2023
- 4th place in International rover design challenge(IRDC) organized by Space Robotics society(SPROS)- 2022
- Student Ambassador for YUKTA-2023