

Kadappa Savalagi

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PROFESSIONAL SUMMARY

Results-driven Computer Science student and aspiring Software Engineer with a strong foundation in data structures and hands-on experience building scalable web applications. Proficient in the MERN stack, Python, and automation, delivering secure, high-performance code in agile environments.

EDUCATION

KLE Technological University

Bachelor of Engineering in Computer Science and Engineering (CGPA: 8.00)

SJPN PU College

PCMB (95.83%)

Hubballi, Karnataka

Nov 2022 – Aug 2026

Nidasoshi, Karnataka

Jun 2020 – Apr 2022

EXPERIENCE

SkillFlash

Nov 2024 – Feb 2025

MERN Stack Developer

- Built a scalable freelancing platform using React.js and Express.js, enhancing project management efficiency by 50%.
- Implemented user authentication, login, and session management using Node.js and MongoDB.
- Integrated Nodemailer for email verification and password reset functionality.
- Designed and built a dashboard for freelancers and clients to manage projects efficiently.

PROJECTS

Freelancing Platform | React.js, Node.js, Express.js, MongoDB

Nov 2024

- Developed a full-fledged platform with secure authentication and session management.
- Implemented Nodemailer for email verification, reducing account recovery requests by 60%.
- Managed 100+ user accounts, streamlining user experience and project management.
- Integrated real-time messaging and dashboard analytics to enhance usability.

Weed Detection using YOLO11 & Soft-NMS | Python, OpenCV, YOLO

Dec 2024

- Developed an AI-powered weed detection system for cotton crops using YOLO11.
- Implemented Soft Non-Maximum Suppression, improving detection accuracy.
- Achieved a 0.969 mAP on the CottonWeedDet3 dataset, outperforming previous YOLO versions.
- Optimized the model for real-time agricultural applications, reducing false positives.

TECHNICAL SKILLS

Languages: C/C++ (Proficient), Python, JavaScript, HTML/CSS

Frameworks: React.js, Node.js, Express.js, Flask

Developer Tools: Git, GitHub, Google Cloud Platform, Vercel, Heroku, VS Code, Jupyter Notebook

Testing & Automation: Selenium

Databases: MySQL, MongoDB

Libraries: YOLO, NumPy, Pandas, Matplotlib, Seaborn, OpenCV

Styling & UI: Tailwind CSS, Bootstrap

ACHIEVEMENTS

- CodeChef 3* (1635 Rating) and Specialist at Codeforces (1406 Rating)
- Secured a global rank of 264 in CodeChef Starters 162 on November 27, 2024
- Ranked 1,879 out of over 30,000 participants in Codeforces Round 980 (Div. 2)
- Solved over 1,000 problems across CodeChef, Codeforces, GeeksforGeeks, and LeetCode