

ABHISHEK KATALE

SOFTWARE ENGINEER

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EDUCATION

- Savitribai Phule Pune University. 2021 - 2025
Bachelor of Engineering in Computer Science (SGPA: 9.36)
- Shri Santaji Junior College 2019 - 2021
HSC in Maharashtra Board (PERCENT: 88.40%)

WORK EXPERIENCE

Musitech (May 2024 - Present) | Web Developer

- Engineered responsive websites utilizing HTML, CSS, JavaScript, React, and MongoDB, increasing mobile traffic by 30% and reducing bounce rates by 15%
- Collaborated with cross-functional teams to streamline project delivery by 20%, delivering highly scalable web applications
- Optimized frontend performance through code enhancements, asset compression, and caching strategies, reducing page load times by 25%
- Implemented Git version control systems to ensure seamless team collaboration, decreasing code integration errors by 50%
- Skills: HTML, CSS, JavaScript, React.js, MongoDB, Git, Performance Optimization, Cross-functional Collaboration

All India Council for Technical Education (AICTE) (Dec 2023 - Jan 2024) | Data Science

- Analyzed large datasets using Python to provide key insights that improved decision-making processes and optimized resource allocation by 10%
- Implemented machine learning algorithms to enhance predictive analysis accuracy by 18%, contributing to more efficient data models
- Presented data-driven insights to stakeholders, resulting in adoption of 3 new initiatives that boosted operational efficiency by 12%
- Skills: Python, Machine Learning, Data Analysis, Stakeholder Presentation, Predictive Modeling

PROJECTS

Snaze E-commerce – Responsive Clothing Brand Website: [snaze.in]

- Developed a fully responsive e-commerce website using React.js and Tailwind CSS, improving mobile accessibility by 35% through mobile-first design approach
- Integrated smooth navigation with React Router and engaging animations using Framer Motion, reducing bounce rate by 20%
- Built scalable, reusable components for accelerated development and simplified maintenance
- Skills: HTML, CSS, Tailwind CSS, JavaScript, React.js, Framer Motion, React Router

Crop Diseases Detection

- Designed an AI model that achieved 92% accuracy in detecting crop diseases, boosting agricultural productivity and enhancing disease management by reducing manual error
- Automated image classification using Convolutional Neural Networks (CNNs) via TensorFlow and Keras, reducing diagnosis time by 50% with advanced image processing techniques
- Skills: Python, TensorFlow, Keras, CNN, Pandas, NumPy, Matplotlib, Seaborn, Data Augmentation

Open Source Contributions

- Contributed 4 successful pull requests during Hacktoberfest 2024, increasing project efficiency through code quality improvements and feature enhancements
- Enhanced PDEA COEM College Website database management by 25% using MongoDB, contributing to both frontend and backend development

SKILLS

- Programming Languages:** Python, C++, JavaScript, SQL
- Web Development:** HTML, CSS, Tailwind CSS, React.js, Nest.js, RESTAPI, MongoDB, MySQL
- Data Science & AI:** TensorFlow, Keras, NumPy, Pandas, Matplotlib, Seaborn, Machine Learning
- Cloud & Deployment:** AWS, Google Cloud, Git, GitHub
- Core Computer Science:** Operating Systems, Computer Networks, DBMS, Object-Oriented Programming
- Development Tools:** Visual Studio Code, Vim, PyCharm
- Soft Skills:** Public Speaking, Content Writing, Strategic Planning, Team Management, Community Development

ACHIEVEMENTS & LEADERSHIP

- Founded and led Linux Club DataScience division with 300+ members, organizing weekly workshops and events to promote Linux and open-source software adoption
- Designed and implemented feedback survey for Cloud Community Day 2024, collecting responses from 400 attendees and providing actionable insights that increased participant satisfaction by 40%
- Secured school rank in SSC Examination with 84.40% marks
- Attained college rank in First Year Engineering with 9.25 SGPA