

Karthik Pohane

Bengaluru — India

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EDUCATION

Christ University		Bangalore, IN
<i>Masters in Computer Application(MCA)</i>	<i>Passed with 75.37%</i>	<i>July 2022 – June 2024</i>
Bajaj College Of Science		Wardha—MH, IN
<i>Bachelors in Science (BSc-CME)</i>	<i>Passed with 85.57%</i>	<i>July. 2019 – June 2022</i>
Deogiri College		Aurangabad—MH, IN
<i>Higher Secondary Certificate HSC (12th)</i>	<i>Passed with 66.46%</i>	<i>July 2017 – Aug. 2019</i>
Sri Viswasanthi Educational Institutions		Vijayawada—AP, IN
<i>Central Board of Secondary Education CBSE (10th)</i>	<i>Passed with 92.10%</i>	<i>July 2017</i>

EXPERIENCE

Software Engineer	Aug 2024 - Present
<i>Sellermate.ai</i>	<i>Internship, Bengaluru, IN</i>
<ul style="list-style-type: none">Developed dynamic web applications using React.js and TypeScript, reducing page load times by 20%.Integrated GraphQL queries and mutations, optimizing API response time by 15% for seamless frontend-backend communication.Designed and implemented form validation with Formik, improving user data accuracy by 30%.Collaborated with backend developers to integrate RESTful APIs, managing application state efficiently with Redux.Utilized MongoDB for scalable database management, and implemented reusable UI components with Material-UI.	
Product Support Engineer	Jan 2024 – June 2024
<i>Meltwater</i>	<i>Internship, Bengaluru, IN</i>
<ul style="list-style-type: none">Handled and resolved 50+ customer support tickets weekly using JIRA, improving resolution time by 25%Led a project to track and crawl content from Meltwater's platform using APIs, deployed on AWS Beanstalk, improving content delivery time by 15%.Documented and streamlined solutions for recurring issues, enhancing the knowledge base and reducing troubleshooting time by 20%.	
Tableau Trainer	Sept 2023 - Dec 2023
<i>Hendry Harvin</i>	<i>Bengaluru, IN</i>
<ul style="list-style-type: none">Delivered in-depth Tableau training workshops to 30+ data analysts, improving dashboard creation and visualization efficiency by 35%.Focused on advanced techniques like data integration, and interactive dashboards, and used Tableau Server for report automation, resulting in a 20% improvement in reporting timelines.	

SKILLS

Languages: English(Read,Write,Speak) , Hindi(Read,Write,Speak), Marathi(Read,Write,Speak)
Programming Languages: Proficient in C/C++, Java, Python, JavaScript, TypeScript.
Frontend: React.js, HTML, CSS, Bootstrap, Next.js, MUI, Formik
Backend: Node.js, Express.js, RESTful APIs, GraphQL
State Management: Redux
Databases: MongoDB, SQL (MySQL), Firebase
Cloud Platforms: AWS (EC2, S3, Lambda), Google Cloud Platform
DevOps Tools: Docker, Git, JIRA, Postman
Development Tools: VS Code, IntelliJ, Eclipse, Colab, Jupyter Android Studio
Operating Systems: Windows, Linux
Relevant Coursework: Data Structures, Algorithms, Cloud Computing, Software Engineering.

PROJECTS

Forify | *Express, React, Node.js, HTML, JavaScript, CSS, AWS, docker, Git, JIRA* Jan - June 2024
Meltwater

- Developed Forify to track content integrity using Meltwater's API, improving content validation accuracy by 25%.
- Integrated **SSO login with Google Cloud** and implemented **JIRA** integration for ticketing, deployed on **AWS**, resulting in 20% reduced login errors.

ONEpurity | *Python, Deep Learning, CNNs, TensorFlow, SSD MobileNet V2* Aug 2023

- Leveraged deep learning with **TensorFlow and CNNs (SSD MobileNet V2)** to develop a real-time pollution detection system, achieving 90% accuracy in pollutant identification.
- Created a deep learning-based system for detecting and localizing vehicular emissions and pollutants in real-time, recognized as an **"Innovative Idea."**

CastClimate | *HTML, CSS, MySQL, JavaScript, php, XAMP* Jan 2023

- Developed an e-commerce platform using **PHP, MySQL, and JavaScript**, enabling farmers to sell products directly, reducing middleman costs by 15%, including a **crop suggestion system** to offer region-specific recommendations.

Salt&Pepper | *Java, Firebase, Android Studio, Mobile App* July 2023

- Built a music streaming app with audio recording, playlist creation, and song uploading features using Java and Firebase

ACHIEVEMENTS

- Awarded Second Prize for Best Research Paper at IEEE Conference for developing an ML-based video game to assess players' mental health, utilizing C++ and Unreal Engine 5.
- Secured Runner-up position in Hackathon 31 at Meltwater, for developing an API-based solution for content crawling, leveraging AWS and Docker - **Truncdino**
- Recognized by Intel OneAPI Hackathon team for Onepurity, a pollution detection system utilizing machine learning algorithms.
- NCC A Certificate - Achieved for leadership, discipline, and teamwork in 17(AP) Battalion.
- University Basketball Camp - Demonstrated leadership and collaboration as a team member.

PERSONAL INTERESTS

Guitar and singing, Cooking, Playing Basketball, Swimming & Cycling.