

Piyush Baburaj Puthanpurakkal

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Summary

Technical Support and Full Stack Developer with experience in Node.js backend, React Native app development, and SAP HANA environments. Over 2 years of experience designing scalable systems, building APIs, and resolving complex performance and integration issues. Skilled in debugging, root cause analysis, and ensuring seamless operations across development and production platforms.

Skills

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js (Express, Nest.js), React Native, React.js
- **Mobile Development:** Cross-platform mobile app development with React Native
- **Backend:** RESTful API design, microservices, database integration, authentication, production issue resolution, troubleshooting
- **Databases:** MongoDB, MySQL, SQL Server
- **Cloud & DevOps:** AWS, Azure, Docker, GitHub Actions (CI/CD), system monitoring
- **Tools & Practices:** Git, code reviews, Agile methodology, debugging, performance optimization, incident management and analysis
- **Others:** API integration, third-party services, root cause analysis, platform troubleshooting, client communication, scripting for automation (Python, JavaScript)

Experience

Web Developer Intern – Exposys Datalabs (Aug 2021 – Oct 2021)

- Built a real-time video chat app using Python, Django, and WebRTC.
- Managed static files and improved page load speed for better UX.
- Wrote clean backend logic, handled user sessions, and basic security checks.
- Integrated APIs for smooth audio/video streaming.
- Used Git for version control and learned basic Agile collaboration.

SAP ABAP Developer / Technical Support – Capgemini (Jul 2022 – Feb 2024)

- Developed and optimized SAP ABAP HANA programs, CDS Views, and OData services for real-time data exchange and reporting.
- Collaborated with cross-functional teams to troubleshoot production issues, perform root cause analysis, and implement permanent fixes.
- Tuned queries and optimized system performance to support critical business processes.
- Provided ongoing technical support, monitored system stability, and assisted in incident management.
- Contributed actively in Agile sprints, ensuring timely delivery and adherence to business requirements.
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Full Stack Developer – Cuvette (Dec 2024 – May 2025)

- Develop and maintain full-stack web apps with React, Node.js, and MongoDB.
- Build and manage secure APIs, user login/auth, and real-time features.
- Manage CI/CD pipelines using GitHub Actions and Docker for seamless deployments.
- Follow coding best practices, maintain effective teamwork, and conduct thorough code reviews.

Projects

Mini Link Management System

- Developed a full-stack web app to create, edit, and track short links with real-time analytics.
- Built with React, Next.js, Node.js, and MongoDB; deployed using Render (backend) and Netlify (frontend).
- Added features like drag-and-drop link organization, secure user login, and dynamic appearance settings.
- Shows strong skills in UI design, API development, and handling live data updates.

Speech Emotion Detection

- Created a Python model to detect emotions in speech using LSTM and MFCC features for higher accuracy.
- Managed data processing, training, and testing in Jupyter Notebook and VS Code.
- Applied machine learning for voice-based emotion recognition to help in sentiment analysis and support services.

- Highlights practical AI/ML knowledge with potential use in customer care, wellness, and mental health tools.
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Education

B.Tech in Computer Engineering – GH Raisoni Institute of Engineering and Technology

CGPA: 7.64

Certifications

- **Microsoft Certified: Azure Fundamentals** – Microsoft (08/2023)
 - **MERN Stack Web Development** – Udemy (12/2023)
 - **Advanced JavaScript and Node.js** – Udemy (08/2023)
 - **SAP ABAP HANA Certification** – Udemy (12/2023)
 - **Python for Data Science, AI & Development** – Coursera (09/2023)
 - **Machine Learning** – Internshala Trainings (08/2024)
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Additional Info

Languages: English, Hindi, Marathi, Malayalam

Available to relocate or work remotely
