BERATHSARAN G P

Front-End Developer | Cloud & Data Enthusiast

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Professional Summary

Computer Science undergraduate with hands-on experience in front-end development, AWS deployment, and business intelligence. Skilled in building responsive web apps, serverless architectures, and data-driven dashboards. Open to roles across software development, cloud technologies, or data analytics.

Technical Skills

- **Frontend:** React, JavaScript, HTML, CSS (Responsive Design)
- **Cloud & DevOps:** AWS (EC2, S3, IAM, Lambda, Route 53, CloudFront), GitHub Actions, Docker, WordPress Hosting
- **Business Intelligence:** Power BI (DAX, Data Modeling, Custom Visuals), Gemini API
- **Programming Languages:** Java, Python (Data Analysis, Modeling)
- **Developer Tools:** Git, VS Code, Chrome DevTools, Postman

Projects

Serverless Web Hosting with AWS
Deployed two website hosting models: one using WordPress on EC2 and another fully serverless using S3 for static files, Route 53 for domain management, and Lambda + DynamoDB for backend logic.
Tech Stack: AWS EC2, S3, Route 53, CloudFront, Lambda, DynamoDB, Linux, MySQL

AI-Driven BI Dashboard
Created an interactive dashboard that processes Excel data and generates visual summaries using Gemini API. Implemented automated insights for data storytelling.
Tech Stack: Power BI, Python, Gemini API, React

Music Preference Predictor using ML
Built a decision tree model to predict music preferences based on user profile data. Trained and visualized the model using Scikit-learn and Graphviz in Google Colab.
Tech Stack: Python, Google Colab, Scikit-learn, Pandas, Numpy, Graphviz

React Practice - Input Display App
Created a basic React app to capture and display user input. Practiced component structure, JSX, and state management as part of learning frontend development.
Tech Stack: React, JavaScript, HTML, CSS

Certifications

- AWS Associate-Level Training – NKCloud Technologies (2025)
- MongoDB for Developers – MongoDB University (2024)
- Java Programming – Infosys Springboard (2024)

Education

- **B.E. in Computer Science and Engineering**, K.S. Rangasamy College of Technology
  CGPA: 8.15 | Expected Graduation: 2026
  Key Subjects: Data Structures, Cloud Computing
- **SRV Boys Higher Secondary School**
  Completed: 2022 | Score: 528/600

Additional Skills

- Soft Skills: Problem-Solving, Collaboration, Adaptability, Clear Communication
- Interests: Cloud Architecture, Full-Stack Development, AI and Automation