Nithish Krishna K S

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Professional Summary

Computer Science graduate with hands-on experience in backend and mobile application development. Skilled in problem-solving, RESTful APIs, cross-platform development, and version control. Strong communicator and collaborative team player with experience working in Agile teams. Proven adaptability through diverse internships and technical project work.

Education & Certifications

B.E. in Computer Science, NIE-IT (NIE North), Mysuru   *2020 – 2024*
    Certifications:
- Developing Back-End Apps with Node.js and Express – IBM, Apr 2023
- Crash Course on Python – Google, Aug 2021
- Programming Foundations with JavaScript, HTML and CSS – Duke University, Sep 2020

Technical Skills

Languages: C++, Python, Java, Node.js, Dart
Frameworks/Tools: Express.js, Firebase, Hive, Aspose SDK, Android Studio
Technologies: REST APIs, Git, OOP, State Management
Soft Skills: Leadership, Collaboration, Communication, Critical Thinking

Experience

Junior Software Developer – Vidwath   Oct 2024 – Present
Full-time
- Implemented encryption and decryption protocols for digital content security in production systems.
- Built a full-stack Flutter app for internal use with dynamic UI, secure local storage using Hive, and RESTful API integration.

Software Developer Intern – Azwa Technology LLC   Mar 2024 – Apr 2024
- Digitized medical provider schedules to optimize doctor appointments in collaboration with a 20-member team.
- Enhanced healthcare access via an intuitive appointment booking interface.

Web Developer Intern – Internsavy   Sep 2023 – Oct 2023
- Designed and implemented responsive web pages, including personal portfolio and contact forms.
- Developed interactive apps like a weather dashboard and countdown timer using HTML, CSS, and JavaScript.

Backend Developer Intern – EdGame   Mar 2023 – May 2023
- Developed RESTful APIs to manage user profiles, streak data, and platform tools.
- Collaborated with a 4-member team to integrate API endpoints into a learning platform backend.

Projects

AI Image Captioning App
Built a TensorFlow-based neural network for generating image captions. Integrated attention mechanism, beam search decoding, and optimized using RMSprop. Designed for mobile platforms with evaluation metrics for performance benchmarking.

ExpensePro – Expense Tracking App
Android app using Kotlin and Firebase to manage personal finances. Features include transaction logs, monthly reports, income-expense charts, and Excel export for analysis.

Airline Ticket Reservation System
PHP-based web app with admin and user dashboards for booking management. Implemented using PHP, Bootstrap, and JavaScript. Designed for improved user experience and efficiency.

Dynamic OMR Examination App
Flutter mobile app enabling exam creation, OMR template generation (using Aspose SDK), scanning, and scoring. Supported local data storage with Hive. Allows educators to manage multiple exams dynamically.