BHARATH SAI VYAAS RUDRARAJU

SOFTWARE ENGINEER | DYNAMICS 365 CE & POWER PLATFORM

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PROFESSIONAL SUMMARY

Software engineer with 3+ years of experience, including 2+ years in Dynamics 365 CE and Power Platform. Develops C# extensions, PCF interfaces, enterprise integrations, and cross-platform developer tooling.

TECHNICAL SKILLS

Platform: Dynamics 365 CE, Dataverse, Power Apps, Power Automate, PCF, Power Fx, SharePoint

Extensibility: C#/.NET, Custom APIs, JavaScript, TypeScript, FetchXML, Dataverse Web API

Full-stack: React, Node.js/Express, Electron, REST APIs, SQL/MySQL, MongoDB, OAuth/PKCE

Delivery: Solution ALM, PAC CLI, Git, environment variables, connection references, automated testing

PROFESSIONAL EXPERIENCE

Pi Square Technologies India Pvt. Ltd. — Hyderabad, India

Developer – Dynamics 365 CE — Jun 2026 – Present

Trainee Developer – Power Platform / Dynamics 365 CE — Oct 2024 – Jun 2026

- Built a PCF file-management interface for model-driven apps, integrating Dataverse Custom APIs, C# plugins, Power Automate, and SharePoint with record-linked document resolution and server-side access checks.
- Implemented **five C#/.NET** extensions that transform product, service, and pricing transactions into document payloads; extracted reusable transaction, currency, and text-processing services.
- Built responsive Canvas/PCF timesheet interfaces with Power Fx; diagnosed approval/submission failures involving **5,100+ SharePoint records** and designed a delegation-aware data-access migration.
- Customized model-driven forms with JavaScript and Xrm.WebApi, including relationship-based lookup filtering and derived request titles to keep related records consistent.
- Consolidated two apps into a shared solution and validated cross-environment imports; troubleshot dependencies, solution layers, environment variables, and connection references.

Naresh i Technologies — Hyderabad, India

Full Stack Developer — Aug 2023 – Oct 2024

- Built CodeIDE with React, Monaco Editor, and Node.js, using Docker-isolated execution to compile and run code from a browser-based editor.
- Developed student-management and analytics applications using Next.js, TypeScript, MySQL/Prisma, NextAuth, SurveyJS, and MongoDB for student records and feedback reporting.

SELECTED ENGINEERING PROJECT

Quicker365 (formerly Quicker Portal) | Power Platform developer workbench

- Co-developed an Electron/Node.js workbench for Windows and macOS with a React/Monaco IDE, integrating Dataverse inspection, plug-in build/registration, trace diagnostics, and PAC CLI workflows.
- Implemented component-aware solution comparison and dependency-aware deployment preparation, making table, form, flow, and web-resource changes reviewable before staging imports.
- Implemented OAuth/PKCE and Model Context Protocol (MCP) services with tenant/environment scoping and refresh-token replay detection; tested authentication, storage, and failures with **38 automated backend tests**.
- Added bounded metadata caching, request deduplication, and stale-response rejection; parallelized independent reads while retaining permission checks and single-dispatch writes.

EDUCATION

Andhra University | Bachelor of Science (B.Sc.)