

SIDDHARTH ABBINENI

siddharth.abbineni@gmail.com | +91-7036999995 | www.siddharthabbineni.in

8 years of Full stack web development experience. Substantial involvement in software development, UI design, system analysis & design and enterprise project collaborations.

Bachelor of Technology - Computer Science,
CVR College of Engineering (JNTU Hyderabad)

TECHNOLOGIES

- **Backend:** ASP.Net, .NET Core, Node, Electron, MSSQL, MySQL, Docker
- **Frontend:** Blazor, React, Angular, jQuery, WPF, UWP, Avalonia, TailwindCSS, Bootstrap, Materialize
- **Deliverables:** Web Applications & APIs, PWAs, Database Design, API Integration/Development, Responsive Design, Desktop Applications
- **Languages:** C#, JavaScript, Typescript, HTML, CSS, SASS, Java, SQL, GraphQL
- **Tools & Toolchains:** (Azure, Git, Webpack, Gulp, NPM, Yarn, Git Hooks, Azure DevOps, GitHub Actions, NextJs, Rider, VS2022, R#, VSCode)

PROFESSIONAL EXPERIENCE

Pinion Services, Hyderabad, India, DEC 2020 – Present

Senior Technical Specialist

- Headed development of two major projects on the latest tech stacks available, React and Blazor with .Net Core API Backends.
- A Document management center completely written from the ground up using .NET Core 6 and Blazor, deployed on **Azure Static apps** and **Azure APIs**.
- A Timesheets portal where employees can enter daily timesheets with approvals and other flows in ReactJS and .NET core API, deployed on an Azure App service.
- Upgrading existing public-facing in production .Net Core MVC Web Application Vatify to add new client specified features.
- Currently engineering a cloud-based solution to automate Quotations, Billing, Data import and export for Smartawater UK.
- Manage Pinion's Azure applications and DevOps, authored pipelines in Azure DevOps to automate deployments and tests of current and new projects at Pinion.

Melite Technologies, India NOV 2016 – NOV 2020

Senior Software Engineer

- Lead a development team in developing a Educational ERP/CRM solution. Handled Webservices and Payment gateway integration within the system. ERP system is based on **ASP.NET 4.0 and MSSQL**. Used **LINQ** to query against strongly typed collections of object and various data source, XML documents, Web services, **ADO.Net Objects and Entity Framework 4.0**. Project Name: **Studease**
- Develop independent modules for an existing Project **Digital Curriculum**. Modules included online classroom/virtual classrooms, courses and management, live chat. Worked with Web API to provide services to HTTP requests.
- Administered integration and deployment systems. (TFS, 3rd Party Hosting).
- Created 2 Web APIs to provide access to in house mobile applications.
- Train, assist, transfer knowledge to new/regular team members, help set up their access to environments, provide them code reviews/feedback and other developmental resources, and understand the business logic.

Delhi Public School, Nacharam, Secunderabad, India MAR 2012 – SEPT 2016

IT CONSULTANT

- Lead an in-house team of 8 developers to create various ERP / CRM solutions in **ASP.NET / MSSQL** for the organization.
- CRM application included automatic SMS and email campaigns, social media, customer service portals, employee management and various other modules.
- Websites design and maintenance, created and maintained 4 different websites with latest technologies
- Consulted on Hardware integration possibilities, networking and various other technology related avenues.

QSP, Time Inc, Stamford Connecticut, USA NOV 2010 – FEB 2012

LEAD DEVELOPER (ERP PORTAL TEAM)

- Lead developer for the Enterprise Resource management system (ERP) portal. Portal involved controlling various aspect of business workflow.
- Collaborating with Financial personnel to automate the General Ledger system, with functionality to manually manage and edit entries when needed.
- Developed SSIS packages to allow of easy data migration. SSIS packages for local data manipulation and packages to allow to store in the Data Warehouse.
- Developed SSRS Reports and Report templates for automatic report generation based on SQL Jobs
- Responsible for “Sponsor Portal” to allow for users to manage their accounts and also integrated the portal with various social networks like Facebook and Twitter

PROJECTS & INTERESTS

Histi, An image shrinker in ElectronJS

- [A cross platform ElectronJS application](#) as a Proof of concept which takes in different types of images, and manipulates them using user specified parameters.

Parallel Evolutionary Algorithms

Parallelizing Evolutionary Algorithms by implementing parallel EAs on graphics processing units (GPUs) and perform experiments to compare parallel EAs with ordinary EAs and demonstrate that the former is much more effective than the latter. Implemented on **NVIDIA® GPUs using the NVIDIA® CUDA™ API.**

Automatic Number Plate Recognition software

- The objective of this project was to study and resolve algorithmic and mathematical aspects of the automatic number plate recognition systems, such as **problematic of machine vision, pattern recognition, OCR and neural networks.**

Others

- Authored a custom color theme for Visual Studio Code, named [Mowgli](#) and published to Visual Studio Marketplace
- Multiple [code & issues contributions](#) to various opensource projects
- Awarded the **Prathibha Award for Academic Excellence**, by the Government of Andhra Pradesh 2003