



**Web Developer** **Banckle** **Oct 2011 – July 2012**

Banckle Web/Admin/Payments

- Payments Module development including features for products, plan schemes, promotions, purchases, account subscription, affiliate tracking and transaction management.
- Integrated National Australian Bank and Dynabic Billing with Banckle Payments System
- Full technology stack development includes developing and testing APIs for data access, business logic and UI; maintaining CMS solution for Banckle Web, deployment and maintenance.

**Software Engineer** **Interactive Group of Companies** **August 2010 – Oct 2011**

Hospital Management System

- Back-End development on multiple modules of HMS. Designed API on top of Aspose API for binding data for printing reports using templates.
- Development include writing and testing APIs for data access and business logic.

**Software Engineer, Intern** **Bentley Systems** **March 2009 – August 2009**

I-Model Toolkit

- Created application on top of the EC Framework, using technologies focused on Microsoft .NET. This includes advanced debugging/fixing of software bugs and developing new features.
- Developed add-in for Bentley's Product "Micro-station" using Visual C++, C# and NUnit.

**Software Engineer, Intern** **The First Microfinance Bank** **June 2008 – August 2008**

Attendance Management System

- Designed database and implemented data access layer using JDBC and IBM DB2.
- Designed and implemented user interface for user management and attendance marking using JSP, jQuery, CSS and HTML.

## EDUCATION

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**National University of Computer and Emerging Sciences, Islamabad.** **Fall 2006 – May 2010**

- B.Sc. in Computer Science, May 2010. In-major GPA: 3.4.
- Coursework: Data Structures; Algorithms; Databases; Programming Languages; Operating Systems; Artificial Intelligence; Comp. Networks; Numerical Analysis.

## ADDITIONAL EXPERIENCE AND AWARDS

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- **Instructor (2008 – 2009):** Taught two full-credit Computer Science courses; average ratings of 4.8 out of 5.0.
- **Third Prize, Senior Design Projects:** Awarded 3<sup>rd</sup> prize for Synchronized Calendar project, out of 100 projects.

## Languages, Frameworks and Technologies

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**Languages:** C#; Java; SQL; Typescript; JavaScript

**Databases:** Microsoft SQL Server, MySQL; IBM DB2; Couchbase

**Servers:** IIS; Oracle WebLogic; Wild Fly;

**Tools/Technologies:** ASP.NET MVC/Core + WebApi, REST, React, Knockout.js, Redux, Bootstrap, HTML, Gulp, Webpack, Consul, Kibana, GitHub, ReSharper, Grafana

**CI/CD:** Team City, SonarQube, Docker

**Testing:** NUnit, Moq, Jasmine, Jest, Regression/Integration Tests, Selenium

**Tracking:** Jira, Confluence

**Agile Methodologies:** Scrum