BINJAL B. PATEL

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EDUCATIONAL BACKGROUND

Master of Science in Computer Science   **Graduated 2016**
Stevens Institute of Technology, Hoboken, New Jersey

Bachelors of Science in Information Technology   **Graduated 2013**
Gujarat Technological University, Ahmedabad, India

CORE TECHNOLOGIES

Languages:	C/C++, Java, JavaScript, HTML, MySQL, R Programming, SAS
Web Technologies:	HTML5, CSS3, AngularJS, jQuery, Bootstrap
Databases:	My SQL, MS Access, Oracle
Methodologies:	Agile (SCRUM), Waterfall, Iterative, Incremental, SDLC
Platforms:	Mac OS, Windows 9x/2000/XP/Vista/7, UNIX and Linux
Tools:	Eclipse IDE, NetBeans IDE, Microsoft Office, Microsoft Word, Microsoft Excel, MS Visio, MS Project, Apache Tomcat Server, Visual Studio, R Studio, SharePoint, Tableau, Dreamweaver

PROJECTS

Mushroom Classification:
- Established a classification model to determine if mushrooms are edible or dangerous.
- Used data mining algorithms in R Programing.

Fashionable cloth website:
- Built a responsive website for the sale of fashionable cloths using Bootstrap framework, HTML5, CSS3, jQuery Technologies.

Street Buddy:
- Constructed a mobile application featuring restaurant information in Hoboken, New Jersey.
- Used Java Programming.

Design a website for Jewellery Company:
- Designed a website for Jewellery Company using HTML5 and CSS3.

College database project:
- Built a database to store student payment activity to Stevens Institute of Technology and administrators to track all transaction.
- Created database with MySQL and utilized MS Visio to design the E-R and UML diagrams.

RELEVENT EXPERIANCE

STEVENS INSTITUTE OF TECHNOLOGY Hoboken, New Jersey
Graduate Assistant, 6/2015 – 12/2015
Technologies: Windows Microsoft Excel VLOOKUP, Stevens Institute cyber source software
Performed large-scale data management at the Stevens Institute campus ID card office. Generated transaction reports and assisted students and faculty with concerns. Worked on Stevens website
- Developed and reconciled reports documenting past student financial transactions.
- Organized and coordinated summer career discovery programs serving approximately 700 undergraduate students.
- Worked as a front-end developer with IT team and redesign the Stevens institute of technology website.
- Used HTML5, CSS3, jQuery, Bootstrap.
- Provided technical support to other web design team members as directed.

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DREAM TECH DEVELOPERS

Business Analyst, 7/2013 – 7/2014

Technologies: Rational Rose, Visio. SQL, Erwin, Crystal Reports, Microsoft Excel, Microsoft Word, Rational Requisite Pro

Consulted with other business analysts in development phase meetings. Engaged in JAD sessions to facilitate communication between stakeholders and project directors.

- Designed and developed project document templates and business requirement documents (BRDs) based on system user needs.
- Gathered business requirements from user interviews and converted requirements into functional specifications; performed data mapping.
- Generated use cases, use case diagrams, and activity diagrams and improved use case templates and a functional tractability matrix.
- Consulted with QA and explored test plans and scenarios.
- Established logical and physical data models to capture current state/future state data elements and data flows.

BHASKARACHARYA INSTITUTE FOR SPACE APPLICATION AND GEO-INFORMATICS, Gujarat, India

Data Analyst, 6/2012 – 5/2013

Technology: SQL, UNIX

Collaborated with other team members to preserve a database by planning and carrying out a large computer hardware upgrade. Received advanced training and expertise in ER data and star schema modeling.

- Assisted management and DBAs with updating the database platform and developed a physical database.
- Assisted the QA team members execute all the testing related efforts.
- Involved in functionality & regression testing
- Worked on the system software up gradation and installations.
- Manage, setup and maintain the groups and user accounts.