

# Bhavin Ashokbhai Panchani

Android, Web, Back-end Developer

<https://github.com/panchanb/CS-Projects>

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## OBJECTIVE

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Seeking internship opportunities as an Entry Level Android, Web, Back-end developer to use my experiences in designing mobile and web applications and developing testing procedures.

## EDUCATION

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### Kean University

Union, NJ

*Bachelor's in Computer Science (Minor in Mathematics)*

December 2020 (anticipated)

GPA: 3.6/4.0

Relevant courses : Applied Machine Learning • Database Management Systems • Information Systems Programming • Analysis of Algorithms • Principles of Networking • Programing the World Wide Web

### Brookdale Community College

Lincroft, NJ

*Associates in Computer Science*

December 2018

Relevant courses: Java Programming 1/2 • Calculus 1/2/3 • System Analysis and Design • Database Concepts • Data Structures.

## TECHNICAL SKILLS

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### Languages

- Java, HTML, CSS, PHP, Python, JavaScript, jQuery, Ajax, Bash Scripting

### Tools & Frameworks

- Eclipse, MS Visual Studio code, MS Office, Anaconda Jupyter notebook, Google Colab.
- Spring Boot, Thymeleaf, JEE, Bootstrap, Django, .NET, ASP.NET, Angular

### Database Management

- PL/SQL, SQLite, Firebase

### OS and Environments

- Windows, Unix, Linux, Mac

### Web Servers

- Apache Tomcat

### Version Control

- Git (GitHub)

## PROFESSIONAL SKILLS

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- Great communication skills
- Trilingual in English, Hindi and Gujarati

## WORK EXPERIENCE

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## **Student Worker – General Accounting**

Kean University

- Maintaining general ledger accounts in Colleague/Datatel, proper vouchering, travel expense reimbursement, processing of checks, wire transfers, journal entries.
- Clerical duties such as records fining, payroll transactions, journal entries, cancelled checks, etc. to maintain files current and up to date.
- To detect any technical malfunction and if possible, take corrective action.

## **Front Desk Student Worker – Reading Center**

Brookdale community college

- Make appointment for students who need help with their Reading classes
- Help students with any issues in the computer room
- Troubleshooting various computing issues in the computer room

## **COMPUTER SCIENCE PROJECTS**

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### **Parking Mania (Web application)**

- Developed as a Web application.
  - Architected using HTML, CSS, PHP, JavaScript, and MySQL.
  - Allows customer to authenticate, reserve, view, cancel parking spot and request help for assistance.
  - Allows admin to authenticate, view analytics/log, customer reviews, view or cancel customer reservation.
- Please click [here](#) to see the source code.*

### **Parking Mania (Android application)**

- Developed as an Android application to work seamlessly with the Web application.
  - Architected using Java, PHP, MySQL, Google Maps and Google Vision API.
  - Allows customer to authenticate, reserve, view, cancel parking spot, request help for assistance and search parking garage using Google Maps API.
  - Allows admin to authenticate, scan license plate to check customer reservation using Google Vision API's machine learning algorithm.
- Please click [here](#) to see the source code.*

### **MoviesON**

- Developed as an Android application.
  - Architected using Java, Google's Firebase and SQLite.
  - Allows user to authenticate, watch, search, and save movies.
- Please click [here](#) to see the source code.*

### **BankingON (Database Management System Project)**

- Developed as a Web Application.
  - Architected using HTML, CSS, PHP, and MySQL.
  - Allows user to authenticate, insert, update, delete, search and display transactions.
  - System checks IP address, OS information for customer security.
- Please click [here](#) to see the source code.*

### **BooksON (Database Management System Project)**

- Developed as a Web Application.
- Architected using HTML, CSS, PHP, MySQL and Bootstrap.
- Designed a relational database for this project.
- Allows user to view books online, filter books by category, search books, add comments on books and contact admin for any questions or feedbacks.

- Allows admin to authenticate, add/update/delete new category, add/update/delete new books, delete user comments, and delete user feedbacks all in just one click!

Please click [here](#) to see the source code.

### **Website Ad-Click Prediction (A.I. Machine Learning Project)**

- Developed a prediction program.
- Programmed using Python, Sklearn Library, Keras/TensorFlow library.
- Program can predict whether a user will click an Ad on a website or not.
- Built a logistic regression model from scratch, a logistic regression model using Sklearn Library, and Neural Network model using Keras Library.
- Accuracy was 84% when built logistic regression model from scratch, 94% when built logistic regression model using Sklearn library and 97% when built Neural Network model using Keras library.

Please click [here](#) to see the source code.

### **Visualized Stocks**

- Developed as a Web Application.
- Architected using HTML, CSS, JavaScript, Spring boot and Thymeleaf.
- Allows users to authenticate, register, and visualize stocks.
- Designed the web pages such that the user who is logged-in and the users who are not logged-in, they see different content.

Please click [here](#) to see the source code.

### **OneBank**

- Designed and analyze the system.
- Allows user to have all the banking apps at one place.
- System is designed to make transferring money from one bank's account to another bank's account easier.