DEBADITYA BHAR

Computer Programmer + Web Developer + AWS Cloud Engineer

Contacts

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CAREER PROFILE

Objective

- To be high performance resource in the professional information technology company with the relevant skillset of **application modernization, cloud architecture, modern web development techniques**.
- To help organization to achieve growth trajectory with **continuous learning and sharing ideas**.
- To initiate, ideate, motivate, and nourish **healthy organization culture** and visions for better future for society and **sustainable growth**.

Technical Skills

- **Web Development Fundamentals (HTML5, CSS3, JavaScript, ES6, NodeJS)**

- **Web Development Frameworks (React JS, Next JS, Express JS, Tailwind CSS, Bootstrap)**

- **Databases (MongoDB, MS-SQL Server, Oracle, DB2, Teradata)**

- **Mainframe Systems (COBOL, JCL, VSAM, CICS)**

- **EDI – B2B Tools (Gentran, Mass File Transfers (MFT),**

- **Cloud Computing (AWS EC2, S3, CloudFront, Route 53, Lambda, DynamoDB, CI/CD pipelines, ALB, Auto Scaling, Beanstalk).**

- **Application Containerization (ECS, ECR, Docker)**

- **Data Analysis with Python (TKinter GUI, Pandas, NumPy, Web Scraping Skills)**

- **Working knowledge with Git and GitHub.**

- **Working knowledge of Unix/ Linux Shell Scripting**

Certifications

- **ITIL Foundation Certification**
- **PCEP - Certified Entry Level Python Programmer**
- **AWS Certified Developer – Associate (DVA – C01)**

Experience Summary

I have **13+ years** of experience in Software Analysis, Requirement gathering and analysis, Design, Development, Testing, Production Support and Maintenance. I have worked with Retail and CPG (Consumer Packaged Goods) business area. I also worked as **EDI analyst** in B2B communication spaces for more than 2 years.

In my current company, I have worked with a couple of clients as a developer and project coordinators.

I have worked with Mainframe Developer for the Retail giant of USA - **Target Corporation**. I have designed and developed the mainframe batch process for their product management systems.

I am working with **Hallmark Cards** since 2012 in several positions and roles. I started as production support analyst addressing priority issues and incidents,

incorporating changes to improve the application performance and bug-fixes. I performed as project coordinators, module leads, on-site analyst and coordinators and EDI analysts.

Although I started my journey as **Mainframe** Developer, I switched to digital technologies and self-learned **Web technologies**, Data analytics with **Python**, **AWS Cloud** Development with **Golang**. I applied my digital skills in several projects in Hallmark Cards as a project coordinator. I have developed several web applications for Hallmark and used my Data Analysis skills into several analysis project for Hallmark.

I like to learn new technology every day and apply my technical skills and knowledge into my day-to-day work to produce quality results. Please visit my GitHub Page for the applications I developed in my learning journey.

➢ **PhotoManager - PhotoManager** is a full-fledged Image browsing and Editing Software created with **Python** script.
GitHub Repo - https://github.com/debapps/PhotoManager

➢ **CheckListApp - Your Online TODO List** – This project is Check List (To-do List) application built with React and Redux.
GitHub Repo - https://github.com/debapps/CheckListApp
GitHub Page - https://debapps.github.io/CheckListApp/

➢ **TextUtilsApp - TextUtilsApp** is the text analyzer application which counts words, characters, sentences, paragraph of an input text. It converts input text from Uppercase to Lowercase, from lowercase to Uppercase, from markup text to html text, from html text to markup text, removes extra spaces, copy the converted text to clipboard.
GitHub Repo - https://github.com/debapps/TextUtilsApp
GitHub Page - https://debapps.github.io/TextUtilsApp/

➢ **ReadMe Generator – ReadMe Generator** is the convenient way to generate the Readme files for your project, blogposts for your blogs. This application displays markdown text in HTML preview, convert markdown text to HTML format and copy text into clipboard.
GitHub Repo - https://github.com/debapps/ReadMe-Generator
GitHub Page - https://debapps.github.io/ReadMe-Generator/

➢ **FizzBuzz Blog.** - **FizzBuzz Blog.** is my personal blogging website for cutting-edge digital technology, science and innovation, cloud computing and web technologies.

FizzBuzz Blog is developed using following technologies:

- **NEXT JS 13**
- **Tailwind CSS**

- **React Material UI**
- **Markdown files.**

Blogs are written in markdown format.

GitHub Repo - https://github.com/debapps/FizzBuzzBlog
Website Hosted on Vercel App - https://fizzbuzzblog.vercel.app

➢ **CloudNote Application** - CloudNote is a secure, cloud-based Note keeping application. User can Sign Up and Sign In with the email and password. User can add/fetch/edit/delete their notes on the application dashboard. The Application is built on **MERN stack (MongoDB Atlas, Next JS, Express JS)**.

The Backend API is built on Express JS, Prisma ORM, MongoDB Atlas. It uses **password hash-encryption** (**bcrypt JS**) to protect user passwords, **JWT tokens** for user authentication. All the data stored in MongoDB Atlas on Cloud so that user data is available everywhere. The Backend server used **REST API** for data handling.

The Frontend UI is created using **Next JS 13** (using new **app router**) and designed with **Tailwind CSS** frameworks. It also uses React Material UI for some component design and **React Context API** and React Client and Server components for data fetching, state management etc.

This application adapts responsive design i.e., changes its layouts and styles based on the screen viewport.

Front End GitHub Repo - https://github.com/debapps/CloudNote-FrontEnd
Back End GitHub Repo - https://github.com/debapps/CloudNote-BackEnd

Website Hosted on Vercel App - https://cloudnote-app.vercel.app

➢ **Employee Data Validation -** The purpose of the project is to validate employee CSV file data and generate the employee CSV file with valid data for FTP. The input file of the project is to be taken from **Amazon S3 bucket** - employee-data-raw. The output file is to be stored in another S3 bucket - employee-data-ftp. This project is developed using **Go Lang** and **GOLANG SDK for Amazon S3.**
GitHub Repo - https://github.com/debapps/Employee-Validation-Go

Working Profile

Company Name	Client Name	Location	Duration
TATA Consultancy Services	Target Corporation, Minneapolis, USA	Chennai, Tamil Nadu	August, 2010 To May 2012
	Hallmark Cards, Kansas City, USA	Kolkata, West Bengal. Kansas City, USA	July 2012 To Till Date

Awards & Achievements

- Target Client awarded the Team **"Bravo Award"** for successfully releasing one of the most crucial projects of IMN Inbounds Early Pharmacy Release.
- Hallmark Client awarded the **"U Rock"** award for inspiring role in production support activities.
- TCS awarded **"On the Spot Award"** & **"Star of the Month"** for contributing to the organization & playing inspiring role in the team.

Educational Qualification

Exam	Institute	Board	Year of Study	Percentage
B. Tech (CSE)	MCKV Institute of Engineering	West Bengal University of Technology	2005 – 2009	84.9%
Higher Secondary	Serampore Union Institution	WBCHSE	2003 – 2005	88.2%
10th	Serampore Union Institution	WBBSE	2001 - 2003	85.0%

PERSONAL PROFILE

Date of Birth	14th August, 1987 (08-14-1987)
Sex	Male
Nationality	Indian
Marital Status	Married
My Number	+91-629-009-3829
My Email	bhar.debaditya@gmail.com
My Blog	https://fizzbuzzblog.vercel.app
My Webpage	https://debapps.github.io/debadityaprofile/
My LinkedIn Profile	https://www.linkedin.com/in/debaditya-bhar-6a00074a/