PAVAN KUMAR BARLA

FULL-STACK SOFTWARE DEVELOPMENT ENGINEER (Experience: **10 years**)
CORE COMPETENCIES: *DATA STRUCTURES & ALGORITHMS, SYSTEM DESIGN, FULL-STACK WEB DEVELOPMENT*

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CURRENTLY

Full-stack Software Developer, Accenture India Pvt. Ltd, Hyderabad (Feb 2019 – present)
Currently working on a Credit-Decisioning product for HSBC. Worked on a product – A3 (Agile Analytics on Any Cloud) – that helps monitor big data and analytical solutions deployed on cloud.

Roles & Responsibilities @CoreCompete:
- End-to-end design and development responsibilities for HSBC Credit Decisioning Module – a Spring Boot application involving REST and Spring Batch Processing modules.
- Involved in building the product architecture – from building the data pipeline to choosing the right set of technologies – to monitor clients' cloud accounts.
- Owned and handled development of micro-services using Spring Boot Framework.
- Actively involved in front-end development (using ReactJS).
- Took up the role of defining end-to-end UX for the product.
- Skills: **Data Structures & Algorithms, Product Architecture, Development Lead, Agile Development**
- Technologies Used: **Core Java, Spring MVC, PostgreSQL, UX Design, Elastic Search, HTML5, CSS3, JavaScript, ReactJS**

PAST WORK EXPERIENCE

Software Engineer, FastCollab Systems Pvt. Ltd, Hyderabad (May 2016 – Jan 2019)
FastCollab started as a marketplace for enterprise services like Travel, Payroll, Appraisals, Recruitment and later pivoted to a Travel & Flight Price-Tracking Model.

Projects & Responsibilities @FastCollab:
- Built & greatly enhanced web application for flight search & booking using multiple 3rd party APIs. (front-end & back-end) targeting corporate travel.
- Handled almost all the responsibilities involved in developing a web application – system design, front-end development, backend business logic, API integration, database design & stored procedures.
- Key Problems Solved: Quickly designed and built an algorithm to parse flight itineraries from PDFs of varied structure and design.
- Skills: **Data Structures & Algorithms, Object-Oriented Programming, Modular Design, Agile Development**
- Technologies Used: **Core Java, Spring MVC, MySQL, HTML5, CSS3, JavaScript, jQuery, BootStrap**

Software Engineer at **Bharat Petroleum Corporation Limited, Mumbai** (June 2014 – May 2016)

Projects & Responsibilities @Bharat Petroleum Corp. Ltd:
- Developed & managed multiple modules of customer-facing web applications for LPG business.
- Build a Centralized Payment Gateway System with CCAvenue API Integration.

- Designed & built several mobile-responsive web applications as well as hybrid Android application that helped business personnel handle tasks on the go.
- Part of the team that implemented the Govt. if India initiative, DBTL (Direct Benefit Transfer of LPG) – to prevent illegal subsidies on LPG and to make sure that subsidy reaches the people who need it.
- Skills: **Data Structures & Algorithms, Agile Development, Quick Understanding of Requirements & Clear Communication Skills, Android Development, Hybrid App Architecture**
- Technologies Used: **Java, J2EE, HTML, CSS, JavaScript, jQuery, Mobile=First Responsive Web App Development**

TECHNICAL SKILLS & EXPERTISE

Core Competencies:	**Data Structures & Algorithms, System Design, Full-stack Dev**
Primary Programming Language:	**Java**
Also Familiar with:	**Python, JavaScript**
Database Skills:	**MySQL, MongoDB, AWS DynamoDB, Oracle**
Web Development Skills:	**ReactJS, NextJS, TailwindCSS**
Cloud & CI-CD: :	**Amazon Web Services, Terraform**

MY OTHER STRENGTHS INCLUDE

- Excellent Communication Skills
- Quick & Clean Coding Skills
- Optimal Usage of Data Structures
- Designing Scalable, High-performance Algorithms
- An eye for good design – writing modular code & building intuitive interfaces
- CSS: Expert-Level Skills. Speciality: Fully Mobile-Responsive Web Design & Development
- Capable of working with fast-moving teams against tight deadlines

ACADEMIC RECORD

Examination	Institute / Board	Year	CPI or %
Graduation	IIT Indore	2014	**7.5**
Intermediate / +2	Board of Intermediate Education, AP (Visakhapatnam)	2010	**95.7**
Matriculation	CBSE (Visakhapatnam)	2008	**91.8**

MY PASSION

I love doing work that is challenging and meaningful. I have a keen eye for design & aesthetic, which helps me while building user-facing interfaces. I have a passion for work that includes fusion of technology and design.