

Prantosh Bhattacharyya

Senior Software Engineer @ Mphasis (Client: HPE)

CONTACT

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LINKEDIN

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EDUCATION

National Aerospace University,
Ukraine.

B.E. Aerospace Engineering
From: 2006 to 2010

GPA: 4.2/5

SKILLS

LANGUAGES

VBA • C# • HTML • CSS •
JavaScript • SQL

TOOLS & FRAMEWORKS

MS Excel • MS Access •
SharePoint • REST API •
GitHub Copilot • NSIS •
PostMan • .NET • WPF

CONCEPTS

VB Scripting • AI Prompting •
VMWare • Data Center Sizing

CERTIFICATES

- GitHub Copilot – S1
- GitHub Copilot Essentials
- C# - S1
- .NET Platform – S1
- Google Cloud Onboard –
Application Developer

RECOMMENDATIONS

Christian Florensa, Director of
Technology Strategy for Global
System Integrators, HPE

SUMMARY

Accomplished Senior Software Engineer with more than 12 years of experience in developing and maintaining high-performance software solutions. Self-motivated and innovative, I excel at translating high-level client requirements into actionable projects or modules, consistently exceeding expectations and ensuring client satisfaction. Proven track record in leading complex projects from conception to completion, with expertise in VBA, C#, WPF and REST APIs. Adept at full-stack development, integrating technologies such as NSIS, HTML, CSS, and JavaScript. Skilled in leveraging GitHub Copilot and prompt engineering to drive coding efficiency.

EXPERIENCE

SENIOR SOFTWARE ENGINEER

Mphasis Pvt. Ltd, Bangalore, India

Client: Hewlett Packard Enterprise (HPE)

Duration: May 2018 – Present

Worked as a lead designer and developer for the HPE Sizer for Modern Platform's Datacentre sizers and orchestrated the development of a multi-architectural datacentre sizing tool.

- **Architected and Developed:** Led the design and development of the HPE Sizer for Modern Platform, a critical tool for data centre solution architects.
- **Technical Leadership:** Migrated complex VBA macro-based sizers to C# WPF Applications, integrating Excel GUI with Excel and Access VBA macros and developing the core backend in .NET C#.
- **Client Engagement:** Managed extensive client interactions to translate intricate requirements into effective software solutions, ensuring high client satisfaction.
- **Innovation and Automation:** Developed automated testing tools and an OTA update system using REST APIs and SharePoint lists, significantly enhancing development efficiency.

VBA DEVELOPER

UEI Electronics Pvt. Ltd, Bangalore, India

Designation: Web Research Analyst (Russian)

Duration: July 2012 – March 2018

Initially joined as a Web Research Analyst and quickly advanced to a VBA Developer role. Developed automated Excel tools for the database team, significantly reducing labour and enhancing productivity. Also developed tools for monitoring employee performance and duplication detection.

- **Data Management Solutions:** Engineered a custom Excel and Access VBA tool to manage cross-reference data, improving tracking, reducing duplication, and enhancing data integrity.
- **Real-Time Data Collection:** Developed robust Excel VBA Userforms for real-time data collection and storage and designed a display system for daily progress updates using a TV for real-time tracking.
- **Team Leadership:** Conducted demos, training sessions, and addressed team queries, providing ongoing troubleshooting and bug fixes for seamless operation.

LANGUAGES

English • Russian • Hindi • Assamese

LINKS

Github

[/PrantoshPranB](#)

Website

pixsoftsolutions.wordpress.com

YouTube

[/@vbatoexcel](#)

- **Automation Expertise:** Automated data validation for over **800K** entries using Excel VBA, Access VBA and VB.NET, ensuring precise and efficient data processing.

ENTREPRENEURIAL PROJECTS

FOUNDER & LEAD DEVELOPER/DESIGNER

PixSoft, Guwahati, India

Duration: January 2023 – Present

- Founded and managed a web development and graphic design company.
- Developed and maintained the company's WordPress website.
- Delivered web solutions for two major clients, on-time and within budget, earning positive client testimonials.
- Increased client engagement by **20%** through effective design and marketing strategies.

CONTENT CREATOR

YouTube Channel **VBAtExcel**

January 2023 - Present

- Created and manage a successful YouTube channel on VBA and Excel techniques.
- Created, edited and published numerous tutorials, growing the subscriber base to **3,700** and achieving over **223,000** views.
- Helped viewers improve their Excel skills, receiving positive feedback and comments.

AWARDS & ACCOLADES

RECOGNITION FROM HPE LEADERSHIP

- Commended by the then Vice President, Global Head of HPE Software Sales, for developing a sizing tool that fully met client requirements.
- Praised on multiple occasions by the Director of Technology Strategy for Global System Integrators of HPE for innovating and developing a multi-architectural Data Centre sizer with OTA update capabilities.

COMMENDATIONS FROM DXC TECHNOLOGY

- Frequently appreciated by the then Advisor of Global Platform Offering Build Engineering, DXC, UK, for implementing various upgrades and new features.

KUDOS AWARDS

- **2024:** Awarded for exceptional efforts in expanding knowledge of tools and software languages to meet client needs.
- **2023:** Recognized for consistent performance and development of five major tools for HPE.
- **2022:** Honoured for providing and implementing four new features, resulting in enhanced client satisfaction.

PERSONA AWARD

- **2021:** Received for innovative ideas and the creation of a major software solution with multi-architectural support and usage tracking across different domains.