Anurag Bhandari

Researcher, Programmer, Author, Open Source Evangelist
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Software professional *with 8+ years of experience in architecting & developing software products, building & managing high performance teams, and providing thought leadership and consulting for emerging technologies.*

EXPERIENCE

Accenture, Gurgaon — *Technology R&D Associate Principal*

JULY 2016 - PRESENT

Leading a team of researchers and developers in Gurgaon as part of Tech Labs, Accenture's R&D organization. Working primarily in Artificial Intelligence and related fields, such as machine learning, NLP, and computer vision. Responsibilities include:

- Doing research on patentable ideas that can be translated into cutting edge client offerings.
- Tech4Good: Working with startups and NGOs (pro bono) to develop innovative proofs of concept.
- Writing research papers.

Achievements:

- Drishti, a mobile app that provides vision to the blind; winner of Aegis Graham Bell 2017 Award.
- Grameen Guru, an AI/AR-driven mobile app that engages and educates rural people about microfinance.

Ofssam, Gurgaon — *General Manager*

JULY 2015 - JUNE 2016

Ofssam is a US-based IT software, training & staffing startup that specializes in producing Job-Ready programmers & data analysts out of college graduates and placing them with Fortune 1000 firms. Job-Ready talent is turnkey talent that is productive on day-1 of its employment.

Responsibilities include · software development · team mgt. · training · course design & development · business development · strategic planning · recruitment · promotion · operations.

- Architected a scalable, secure and high-performance enterprise CRM application based on Node.js/Express stack: a real-world project for our bootcamp students for hands-on learning of programming, TDD, design patterns and industry best practices.
- Lead and manage team of budding junior programmers, in Minneapolis-St. Paul, US, to develop the CRM application using Agile-SCRUM methodology. Educate them using our proprietary Just-in-time Learning technique.
- Delivered more than 20 mobile app and data analytics sessions to

BOOKS

IoT, AI and Blockchain for .NET, N. Pathak & A. Bhandari, Apress 2018 (co-author)

Artificial Intelligence for .NET, N. Pathak, Apress 2017 (co-author)

Sencha Charts Essentials, Ajit Kumar, Packtpub 2015 (technical reviewer)

PAPERS

Designing a Multilingual Virtual Agent for interacting with Uneducated People, N. Pathak, **A. Bhandari**, S. Singh, S. Podder, 2017 — IEEE SSCI '17, GHCI '17

SKILLS

Architecture
MVC, Design Patterns, Flux

Web & Mobile
ASP.NET, Rails, Angular, Ionic, node.js, Android, iOS, React

Programming
JavaScript, C#, Java, PHP, Ruby

Database
MySQL, SQL Server, MongoDB

IoT & Cloud
Raspberry Pi, Python, Beacons

Operating Systems
Linux, Windows, OS X, BSD

Presentation
Public Speaking, Presenting, Educating

large audiences in India and US.

- Developed 3 IT courses & 2 workshops, that were highly appreciated by leaderships at Indian & US universities.
- Architected & created our cloud-based learning platform & apps.
- Partnered with Ansal University (India) for our industry-focused Civil Engg. course for their second and third year students.
- Established relationships with leaderships at reputed northern India universities, including Amity, Manav Rachna, Lovely and Apeejay universities, and conducted technical workshops.
- Recruited part-time instructors working as senior enggs. at top companies, such as Fluor, Bechtel, Punj Lloyd, TCS & Accenture.
- Recruited 12 candidates from reputed job fairs in US for full-time openings with our clients and for our training programs.

Accenture, Gurgaon — *Software Engg. Team Lead*

AUGUST 2009 - JULY 2015

Started my career with Accenture. Joined as an Associate Software Engineer and, in short time, rose to the rank of Software Engineer, Senior Software Engineer and finally Team Lead.

Led an R&D project, CIO Beta Innovation, serving as its technical lead and architect. At Beta Innovation, followed Agile methodology to create internal and for-client enterprise web & mobile applications. Created prototypes using cutting-edge technologies to develop new apps.

Responsibilities included · supervising junior & senior developers · project planning & estimations · architecting apps · technical consulting to other teams · internal & external recruitment interviews · ideation for new products · delivering local- and country-level trainings.

- Led the development of 4 for-client apps and 10+ internal apps.
- Created or contributed to more than 30 applications.
- Served as Learning & Trainings lead for the entire delivery unit.
- Served as a Subject Matter Expert on web & mobile technologies.
- Created Gallery, Accenture's photo-sharing social network.
- Worked with manager on a revenue model for Gallery and brought in thousands of dollars from various clients.
- Saved my business unit $30k by taking over the development of an app originally outsourced to a third party.
- Took the initiative to introduce an open-source technology stack to modernize development and save costs.

EDUCATION

National Institute of Technology, Jalandhar — *B.Tech*

COMPUTER SCIENCE & ENGINEERING

AUGUST 2005 - MAY 2009