

DEBAYAN RAY



Career Profile

I'm a Software Developer, most of the time I work on software applications backend, mostly with **Python** (these days on Django and DRF frameworks).

I have **18 years of experience** in designing and implementing complex and distributed software systems. Also I have a decent knowledge in Linux based development and have prior work experience with k8s and Docker.

Long time back I had also worked on frontend, most of the time with **BackboneJS**.

I have also spent a significant amount of time contributing to **opensource software** development (predominantly **Openstack**). Played the role of an active developer and **core reviewer** in subprojects, like [Sushy](#) and [Proliantutils](#), of [OpenStack Ironic](#) (*Baremetal server provisioning*) project.

Moreover I started my career with **C++** and had spent my initial days of my career (around 6 years) with it.

In brief, I am an Opensource enthusiast and *I like building cool stuff!*





Skills & Proficiency

Skills	Proficiency
Python	Expert
Java	Used to be an Expert
Javascript	Advanced (not very much in touch right now)
C++	Used to be an Expert (long lost love :-)
OOPS	Expert
Designing systems	Expert
API development	Guru
DB	Mid level
Messaging & RPC	Mid level

Education

BE in Electronics Engineering
NIT (formerly REC), Surat
2001 - 2005

Contacts

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Company Experiences

Alation, Bangalore

Staff Software Engineer

Jan 2021 - Present

Developed multiple [Data Governance](#) modules as part of Alation. Subject matter expert on Workflows and bulk stewardship and curation at scale. Responsibilities include:

- Full ownership of modules being developed, maintained, enhanced and most importantly feature pushed.
- Thriving in a very fast-paced development environment.
- Skillsets: **Python, Django, API, Data catalog and governance domain**

Oracle, Bangalore

Principal Member Technical Staff

Feb 2019 - Jan 2021

Working towards managing the lifecycle of databases of Fusion applications in Oracle Cloud for SaaS and PaaS. It requires delivering fully automated solutions that deliver software transparently and efficiently to the cloud at scale. Responsibilities included:

- Full ownership of modules developed and maintained at scale in Oracle Cloud
- Mentoring and guiding members of engineering team on various modules of FADB LCM
- Skillsets: **Advanced Python, Linux, Cloud, DBaaS domain**

Hewlett Packard Enterprise, Bangalore

System Software Engineer V

Apr 2015 - Feb 2019

Worked on [OpenStack Ironic](#) module and are the owners of [Ironic iLO drivers](#). Ironic is an OpenStack project which aims to provision bare metal (as opposed to virtual) machines by leveraging common technologies such as PXE boot and IPMI to cover a wide range of hardware, while supporting pluggable drivers to allow vendor-specific functionality to be added. Responsibilities included:

- Full ownership of features right from design to functionality testing through CI.
- Extensive Code review and code contribution in OpenStack. Please refer [my contribution to OpenStack](#) till date.
- Involved in the strategy, goals and design for products and translate business needs into structured projects.
- Skillsets: **Advanced Python, Linux, Cloud, Baremetal server, Cloud computing domain**

Perceptive Software, Kolkata

Senior Software Developer

Aug 2011 - Apr 2015

[Perceptive Software](#)'s flagship product [ImageNow](#) was positioned on the Gartner's Leaders' Quadrant for Enterprise Content Management (ECM) solutions in 2014.

- Java, Java web stack
- Javascript (BackboneJS)
- Electronic Content Management domain

Hewlett Packard, Bangalore

System Software Engineer III

May 2010 - Aug 2011

Worked on System Fault Management (**SFM**) product which is a collection of tools for monitoring the health of HP servers and getting information about hardware, such as memory and CPU. It also included WBEM providers for other core hardware components. It belongs to System Manageability domain.

- Advanced C++, HPUX
- System manageability & diagnostic domain

Infosys, Bangalore

Senior Software Specialist

Jul 2008 - May 2010

I was primarily deputed to **Yahoo!**'s software development centre in Bangalore. Was part of Yahoo India's global ad-confluenting platform (Beacon platform) development team.

- Advanced C++, Linux
- Web and Internet domain

GoldenSource, Mumbai

Software Engineer

Oct 2007 - Jul 2008

I was part of the core development team. [GoldenSource](#) is a market leader in the financial Enterprise Data Management (EDM) industry.

- C++, Linux
- MySQL, Oracle DB, DB2
- Finance domain

Patni, Mumbai

Software Engineer

Jul 2005 - Oct 2007

I was involved with projects from clients like **Rockwell Automation**, **Trane** and **Zoran Corporation**.

- VC++, MFC
- C++, Linux
- Printing domain and Printer Interpreter software (PCL, PS languages)