PATH PARTNER

Campus Drive 2015

What we are?

PathPartner provides Software IP & Solutions, Product Engineering Services and Applications that enable the development of embedded multimedia centric devices. Organizations looking for focused domain and vertical expertise have chosen us as the "preferred-go-to" partner for embedding innovation into their designs and products

Enrich the Multimedia experience in today's advanced convergence devices

Automotive

Semiconductor

Wearable Devices

SmartPhone & Tablet

Consumer Electronics

Video Communication

Applications, Ux Design

Middleware, Framework, Stack

Audio & Video Codec & Algorithm	Validation & Productization	OS Porting & Drivers
Imaging & Vision Algorithms	FPGA Design	

Hardware Design

What is in it for you?

- Become a part of a fraternity comprising bright professionals, working on cutting edge technologies for the next generation multimedia experience

- Training programs for development and enhancement of technical skills and professional excellence

- Mentorship by highly collaborative and intellectually stimulating technical leaders

- Fast-track career growth for good performers

- Opportunity for patent filing, presentations / publications in international & national symposiums

- Exposure to latest technology trends through Technical Forums

Job Description

- Design, develop and optimize Audio, Video and Imaging Algorithms and Codecs
  - ❖ Video/Image codecs – MPEG-2/4, H.264, H.265, VP8, JPEG, RemoteFX etc
  - ❖ Imaging algorithms - Camera imaging pipeline, auto exposure, auto white balance, de-noising, 3D Imaging etc
  - ❖ Vision & Analytics Algorithms – Object detection/tracking/counting, Augmented Reality, 3D Depth Map
  - ❖ Audio codecs - AAC, MP3 etc
- Realise algorithms on RISC/VLIW/SIMD/GPU architectures, multi-core programmable processors, hardware accelerated System-on-Chips

Job Description

- State-of-the-art work on embedded multimedia domain involving various hardware and software platforms for media centric devices

- Design, development and productization of system software on Linux, Android, Windows CE & RTOS

  - ❖ Device drivers for various peripherals – audio, video, storage, connectivity etc.
  - ❖ Boot loaders, power management and kernel components
  - ❖ Multimedia frameworks/engines, protocol stacks and standards

- Develop Android, Windows Phone & iOS Applications

Academic Proficiency

Electronics (ECE/EEE)

- Proficiency in C, Assembly & MATLAB programming
- Microprocessors & Microcontrollers
- Computer Organization & Architecture
- Digital Design & Electronic Circuits and Systems
- Digital Signal Processing & Digital Image Processing
- Digital Data Communication & Computer Networks
- Solid State Devices & Linear Integrated Circuits
- Information Theory & Coding

Computer Science (CSE/IS/IT)

- Proficiency in C/C++ programming
- Data structures & Algorithms
- Microprocessors, Computer Organization & Architecture
- Digital Design, Electronic Circuits & Systems
- Operating Systems & Systems Programming
- Discrete Mathematics, Theory of Computation & Compilers
- Programming Paradigms & Object Oriented Programming
- Digital Communication, Computer Networks & Cryptography

- **B-Tech/B.E.** with at least **75%** marks in aggregate
- Consistent academic track record above 75% in 10th and 12th
- Only 2015 batch is eligible

What are we looking from you?

- Excellent academic track record

- Good aptitude and creative mind with passion for solving problems

- Interest and ability to learn & apply new concepts

- Willingness to learn continuously and grow

- Urge to see "The Big Picture" in what you are working on

- Excellent attention to details and completeness

- Clear and non-ambiguous in thought and expression

- Pragmatic, flexible and result oriented approach

Compensation & Benefits

Compensation

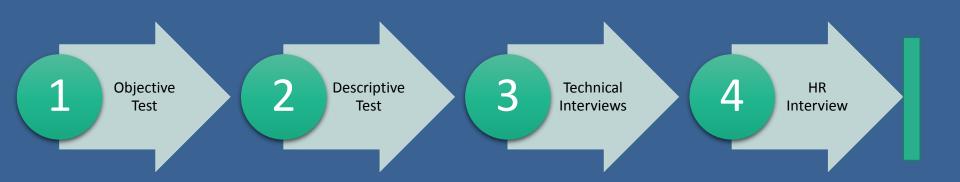- Annual gross salary of Rs. 4,22,000/- on a cost to company basis

Additional Benefits

- Health insurance for employee and immediate family members
- Personal accident insurance for employee
- Relocation benefits for associates from outside Bangalore
- Subsidized lunch facility
- Loyalty benefits
- Employee referral benefits
- Excellence awards for individuals and teams

Training Programs

- Targeted to nurture individuals to take on job responsibilities in various roles
- A holistic approach of developing the required technical skills and imbibing the relevant soft skills
- Imparted by internal and external subject experts
- Rigorous domain specific training and mentoring

Selection Procedure

1 Objective Test → **2** Descriptive Test → **3** Technical Interviews → **4** HR Interview →

The technical evaluation shall cover programming, relevant subjects applicable for respective streams and general aptitude

Thank you

www.pathpartnertech.com
hr@pathpartnertech.com